Tehnix®

ECO INDUSTRY

DESIGN, PRODUCTION, SERVICE, MAINTENANCE OF EQUIPMENT AND DEVICES FOR ENVIRONMENTAL PROTECTION WASTE RECYCLING AND WASTE WATER TREATMENT

KNOW-HOW ● INNOVATION ● EXPERIENCE ● TECHNOLOGY

2015

DEAR CUSTOMERS AND TEHNIX BUSINESS PARTNERS!

The company Tehnix is leading eco industry, We produce devices and equipment for environmental protection. Together now we are in European Union. Our common goal is implementation of new technologies that will generate higher results in waste management which shall become new source of raw materials, a great energy potential RDF and composting of organic waste into eco-fertilizer. The development of new technologies, we can achieve faster EU tasks, sustainable development goals, stop global climate changes. With our innovative technologies we are able to stop air, water and land pollution and together to achieve a sustainable future!

ĐURO HORVAT
PRESIDENT OF COMPANY

PRODUCTION PROGRAM TEHNIX

1. FACTORIES FOR MIXED MUNICIPAL WASTE TREATMENT
2. SORTING PLANTS FOR CLEANING AND BALING OF RAWS FROM WASTE
3. FACILITIES FOR COMPOSTING OF BIODEGRADABLE WASTE
4. RELOADING STATIONS FOR MIXED MUNICIPAL WASTE
5. EQUIPMENT FOR RECOVERY AND REMOVAL OF OLD LANDFILLS
6. DEVICES FOR WASHING AND DESINFECTION OF UTILITY VEHICLES
7. SPECIAL COMMUNAL VEHICLES EKOMUNAL TEHNIX
8. VEHICLE'S UPGRADE – LIFTER, HOOKLOADER
9. PRODUCTION OF PRESS-CONTAINERS AND ROLO CONTAINERS
10. RECYCLING YARDS AND MUNICIPAL CONTAINERS
11. KO-tainers FOR RECEPTION OF SLAUGHTER HOUSE AND FOOD WASTE
12. VERTICAL, HORIZONTAL AND SPECIAL BALING PRESSES
13. AUTOMATIC BALING PRESSES PRESSURE CAPACITY OF 30, 60, 90 TONS
14. TEARERS, CONVEYORS, SHREDDERS, PERFORATORS
15. STANDARD SEPARATORS FOR PROCESSING OF OILY WATER
16. BIOROTORS – DEVICES FOR BIOLOGICAL TRATMENT OF WASTE WATER
17. BIOREACTOR PLANTS FOR TREATMENT OF MUNICIPAL WATER
18. MOBILE OIL PUMPS AND CISTERNS AND SPECIAL TANKS
19. ECO EQUIPMENT, STORAGES, EMERGENCY CONTAINERS, METAL CABINETS
20. CONTAINERS PRODUCTION PROGRAM – SCHOOLS, KINDERGARTENS, SETTLEMENTS
21. OTHER SPECIAL PRODUCTS, EQUIPMENT AND PLANTS ON THE REQUEST

Zlatna kuna award for the most innovative company in 2004

Rep. of Croatia award OSCAR for environmental protection in 2004

Innovation Award Bruxelles 2007.

World award for MBO-T waste management technology

President of company honored with Order of Croatian Danica with figure of Nikola Tesla

Arca 2010. GRAND PRIX Award for communal waste recycling facility type Tehnix

80 AWARDS FOR ACHIEVEMENTS IN ECO TECHNOLOGIES DEVELOPMENT

BUSINESS - PRODUCTION CAPACITIES OF THE COMPANY
TEHNIX - GLOBAL BRAND IN ECO INDUSTRY TECHNOLOGY

Headquarters of company

Panoramic view of the hotel KRALJ (King) and fuel station KRALJICA (Queen)

Panoramic view of the factory in Donji Kraljevec

New factory building

Management - fast and expert communication with the market

Technical management - design and products development

YOUR PARTNERS – MANAGERS OF COMPANY TEHNIX – REACH SUCCESS TOGETHER

MUNICIPAL WASTE IS RAW MATERIAL AND ENERGY

WASTE SHALL BE COLLECTED, RECYCLED AND REUSED

WE DEVELOPED INNOVATIVE TECHNOLOGY OF THE FUTURE FOR SUSTAINABLE MUNICIPAL WASTE MANAGEMENT BY MECHANICAL – BIOLOGICAL – THERMAL TREATMENT INTO RAW MATERIAL, COMPOST, ENERGY – RDF

DESIGN
PRODUCTION
ASSEMBLY
TRAINING
MAITENANCE

MBO-T = TEHNIX PATENT
patent No. P20110260A

KNOW-HOW
EXPERIENCE
PARTNERSHIP

WASTE MANAGEMENT
ON PERMANENT SUSTAINABLE WAY
WITHOUT LANDFILLS DISPOSAL

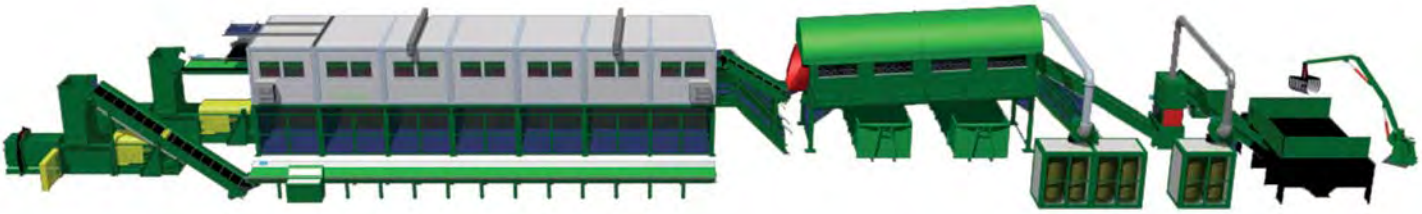
THE BASIC PURPOSE OF MUNICIPAL WASTE COLLECTING IS ITS RECYCLING BY USE VALUE

TECHNOLOGICAL AND ECONOMY ADVANTAGES OF MBT-T

1. Economical collection of communal waste with existing equipment and vehicles.
2. Together we will determine the optimum capacity of the plant for recycling and composting.
3. Tehnix provides conceptual design of complete hall for municipal waste treatment.
4. Complete description of the equipment technology and facilities for recycling and composting.
5. We cooperate by making of the tender documentation as per international standards.
6. We offer a complete technical cooperation in developing the main project and project location
7. We define the equipment specification and plant capacities and evaluation of investments.
8. After the contract, we manufacture, supply, install and put into function facility for treatment.
9. We take responsibility for continuous functionality of the project and plant for recycling.
10. We provide spare parts, efficient service, training of service man and customer.
11. For delivered equipment we give manuals for management and appropriate certifications.
12. The whole project we built by “turnkey” system, till obtaining of occupancy permit.

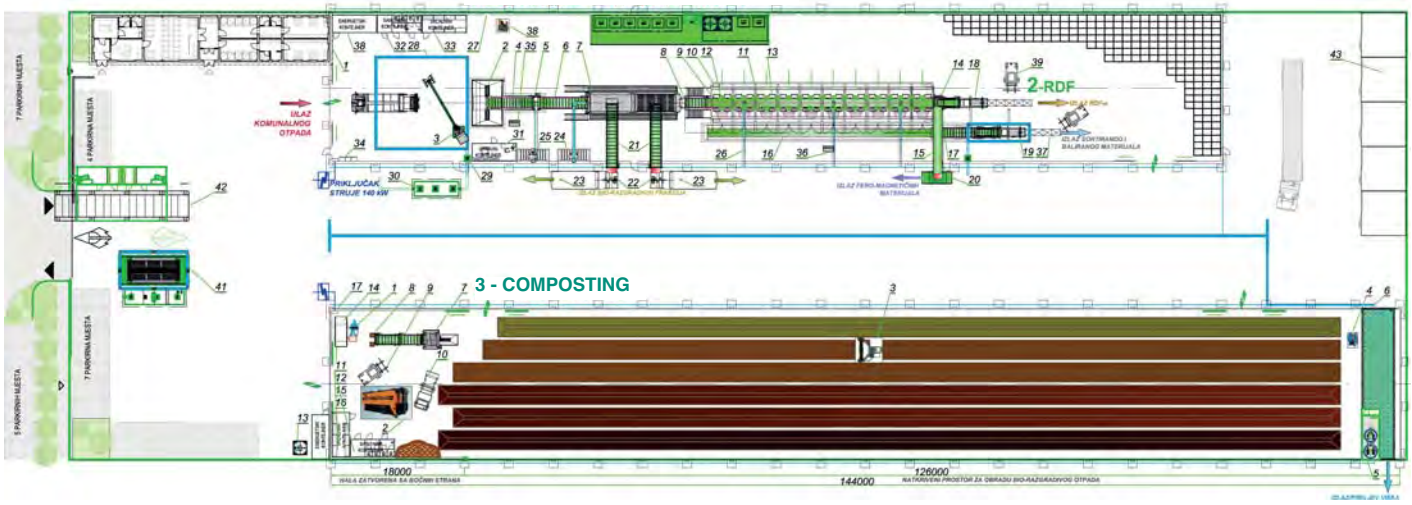
MBT-T TECHNOLOGY OF CLOSED WASTE MANAGEMENT SYSTEM

COMMUNAL WASTE PROCESSING FACILITIES
TECHNOLOGICAL INNOVATION IN WASTE MANAGEMENT



MBT-T FACILITIES FOR MIXED MUNICIPAL WASTE TREATMENT
STANDARD FACILITIES LENGTH 120 – 140 – 160 – 180 – 200 m

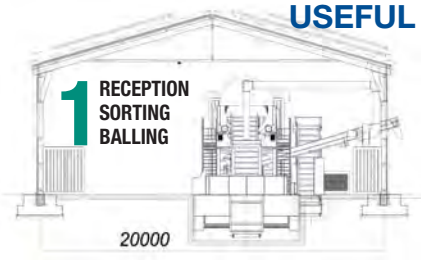
1 - SORTING 4 - RECYCLING YARD



CLOSED SEMI-AUTOMATIC SYSTEM OF WASTE MANAGEMENT

1. FACILITY FOR RECYCLING OF MIXED AND PRE-SORTED MUNICIPAL WASTE
2. TECHNOLOGY FOR PRODUCTION, SHREDDING AND BALING OF RDF FUEL
3. FACILITY FOR TREATMENT OF BIODEGRADABLE WASTE AND PRODUCTION OF ECO COMPOST
4. RECYCLING YARDS FOR RECEPTION OF HOUSE AND CONSTRUCTION WASTE
5. SOLAR POWER PLANT WITH INSTALLATION ON THE ROOF CAPACITY OF 200-400 KW

USEFUL RAW MATERIALS AND ENERGY FROM WASTE



1. PLASTIC
2. CARDBOARD
3. PAPER
4. PET PACKAGING
5. AL PACKAGING
6. TEXTILLE
7. GLASS
8. METAL
9. COMPOST
10. RDF FUEL

	CAPACITY = t/hour EP = NUMBER OF INHABITANTS	CENTER DIMENSION [L x W]	HALE DIMENSION [W x L x H]	INSTALLED POWER OF SOLAR PLANT	NUMBER OF EMPLOYED STUFF	RECYCLING INSTALLED POWER
1.	CAPACITY TO 5 t/h OR 50 000 EP	120 x 60 m	20 x 72 x 9 m	100 + 100 = 200 kW	14 + 4 = 18	70 kW
2.	CAPACITY TO 10 t/h OR 100 000 EP	140 x 60 m	20 x 90 x 9 m	125 + 125 = 250 kW	22 + 5 = 27	100 kW
3.	CAPACITY TO 15 t/h OR 150 000 EP	160 x 60 m	20 x 108 x 9 m	150 + 150 = 300 kW	28 + 6 = 34	120 kW
4.	CAPACITY TO 20 t/h OR 200 000 EP	180 x 60 m	20 x 120 x 9 m	175 + 175 = 350 kW	36 + 8 = 44	140 kW
5.	CAPACITY TO 40 t/h OR 400 000 EP	200 x 100 m	30 x 132 x 10 m	200 + 200 = 400 kW	80 + 10 = 90	150 kW

STANDARD MBT-T FACTORIES FOR WASTE TREATMENT ARE PAYABLE WITHIN 5 YEARS

MBT-T MECHANICAL BIOLOGICAL AND THERMAL TREATMENT OF MIXED MUNICIPAL WASTE

DESIGN - PRODUCTION - ASSEMBLY - TRAINING - SERVICE

ROTO SIEVE – SPECIAL DEVICE FOR AUTOMATIC SEPARATION OF BIODEGRADABLE WASTE CAPACITY FROM 3 TO 20 t/h

SPECIAL DEVICE SEPARAT ROTOR – EFFICIENT SEPARATION SYSTEM OF BIOLOGICAL FRACTION FROM MIXED MUNICIPAL WASTE VARIOUS CAPACITIES

ROTOSIEVE TYPE	CAPACITY	DRUM DIMENSIONS	LENGTH	WIDTH	HEIGHT	PERFORATION DIMENSIONS	INSTALLED POWER
	[t/h]	[mm]	[mm]	[mm]	[mm]	[mm]	[kW]
RS 3	up to 3	Ø 2400 x 4000	6000	2990/4600	3250/4200	Ø 55/ □ 55 x 120	5,5 + 3,0
RS 5	up to 5	Ø 2400 x 6000	8000	2990/4600	3250/5700	Ø 55/ □ 55 x 120	2 x 5,5 + 4,0
RS 10	up to 10	Ø 2400 x 8000	10000	2990/4600	3250/5800	Ø 55/ □ 55 x 120	2 x 5,5 + 2 x 4,0
RS 15	up to 15	Ø 2400 x 10000	12000	2990/4600	3250/5900	Ø 55/ □ 55 x 120	2 x 11,0 + 2 x 5,5
RS 20	up to 20	Ø 2400 x 12000	14000	2990/4600	3250/6000	Ø 55/ □ 55 x 120	2 x 11,0 + 2 x 5,5

SUSTAINABLE WAY OF MUNICIPAL WASTE MANAGEMENT
COMPLETE RECYCLING OF MIXED MUNICIPAL WASTE

FACILITIES FOR MUNICIPAL WASTE TREATMENT
RECYCLING OF WASTE AND BALING OF RAW MATERIAL AND RDF FUEL
WITHOUT DISPOSAL ON LANDFILLS

Finished waste management center 10 t/h - Tuzla

Sorting line JP DEPONIJA - Mostar 15 t/h

Sorting line in Progres - Doboj 5 t/h

RDF

PRE-DRIED, SHREDDED, BALED, COMBUSTIBLE REST OF MIXED MUNICIPAL WASTE

- plastic
- cardboard
- paper
- tetrapack
- wood
- rubber
- leather
- textile
- lantern
- others

BALE OF RDF FUEL
RDF = ENERGY
1 kg = 4000 kcal
Cement plant – power – power plant

TEHNIX EQUIPMENT FOR WASTE RECYCLING

FILTER STATION – BAG OPENER – METAL SEPARATION – CRANE DOSING

Air filter station - type 1 (2250 x 1650 x 2500), type 2 (4400 x 1650 x 2500)

Automatic separation of metal from waste

Bags opener type TEHNIX - capacity from 5-20 t/h, possibility of bags opening 5-50 kg

TEKRAN 500 serves for dosing of the exit opening in special conditions: when the waste is frozen, during higher loading of the line, because system's unblocking, because of taking special materials (wood, metal), and because removing of confiscate. Separate technological unit, which is used for maintaining of permanent facility function and dosing continuity of mixed communal waste and regulate communal vehicles arrival continuity.
TEKRAN has corresponding technical and safety documentation, attests and instructions for safe handling and serving, and it is important to emphasize that it has a rotating light which ensures safety of serving unit and surroundings.

TEKRAN TEHNIX - for dosing of mixed communal waste

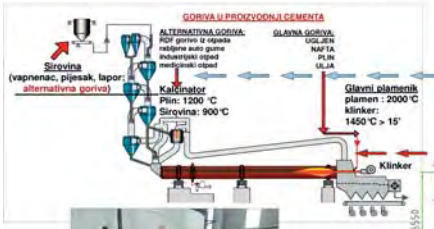
Functional and simple

TYPE	MAX. LOAD	GRIP WIDTH	MAXIMAL RANGE	MINIMAL RANGE	MAXIMAL LIFTING HIGHT	TURN	INSTALLED POWER
	(kg)	(mm)	(mm)	(mm)	(mm)	(°)	(kW)
TeKran 500	up to 500	750 / 1500	6000	2300	2800	180	4
TeKran 1000	up to 1000	700 / 1250	7800	3200	4785	180	4
TeKran 1500	up to 1500	700 / 1500	9900	6550	5100	180	5,5

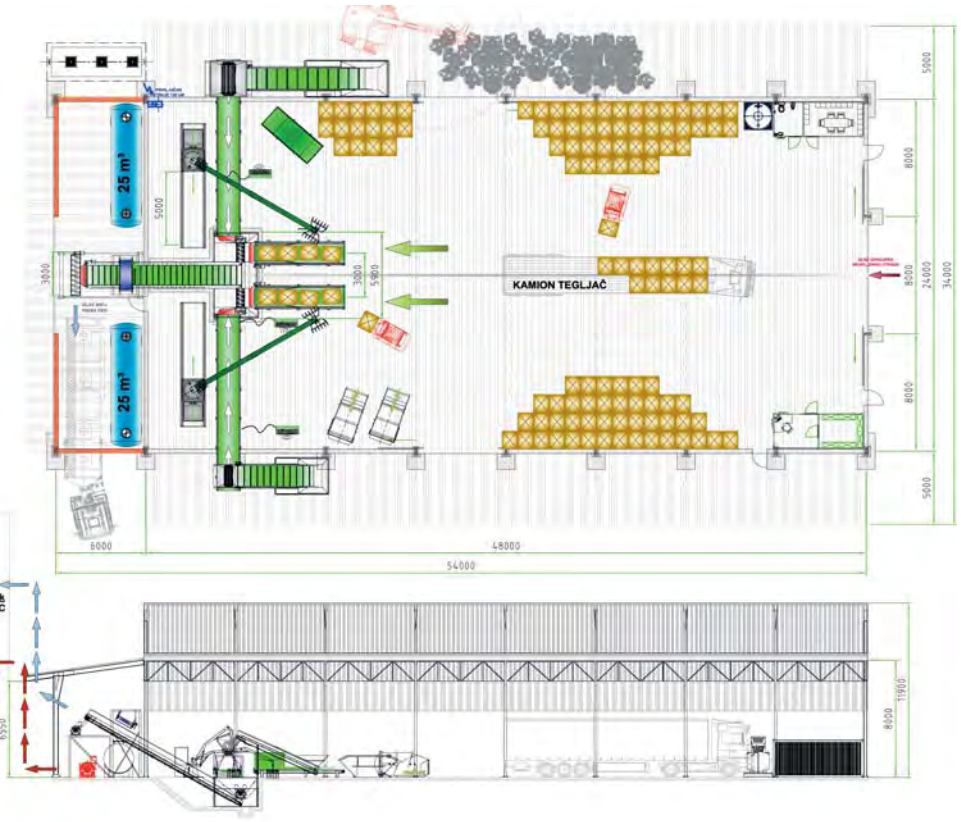
MBO-T SUSTAINABLE METHOD OF MUNICIPAL WASTE MANAGEMENT

PLANT FOR DOSING OF RDF FUEL IN CEMENT PLANTS

CEMENT PLANT – SYSTEM FOR RDF DOSING IN CEMENT KILN



SYSTEM FOR DOSING OF WASTE OIL IN CEMENT KILN



PRODUCTION AND PREPARATION OF RDF FUEL FROM MIXED MUNICIPAL WASTE

SHREDDED AND BALED RDF

ECO THERMAL PLANT 0,1-1,0 MW

THERMAL TREATMENT OF RDF IN CEMENT PLANT

RELEASING MILLIONS OF HECTARES OF LANDFILLS AND BILLIONS € OF SAVINGS

M MEHCANICAL RECYCLING OF MUNICIPAL WASTE ACCORDING TO THE USE VALUE — ≈ 20 %
SORTING OF : PLASTIC - CARDBOARD - PAPER - PET - MET - TEXTIL - GLASS - METAL

B BIOLOGICAL TREATMENT OF BIO-DEGRADABLE MATERIAL FROM MUNICIPAL WASTE — ≈ 30 %
PRODUCTION OF COMPOST IN ROOFED AREA AND CONTROLED CODITIONS

O PROCESSING OF WASTE ACCORDING TO THE USE VALUE WITHOUT LANDFILLS
WITHOUT NEGATIVE IMPACT ON THE ENVIRONMENT. PROTECTION OF SOIL - WATER - AIR

T THERMIC TREATMENT OF RDF BALING OF REST OF SMALL DRIED COMBUSTIBLE WASTE — ≈ 50 %
IT IS USED AS FUEL IN CEMENT PLANTS OR IN PRODUCTION OF ELECTRIC ENERGY — 100 %

SOCIALLY RESPONSIBLE AND SUSTAINABLE WASTE MANAGEMENT

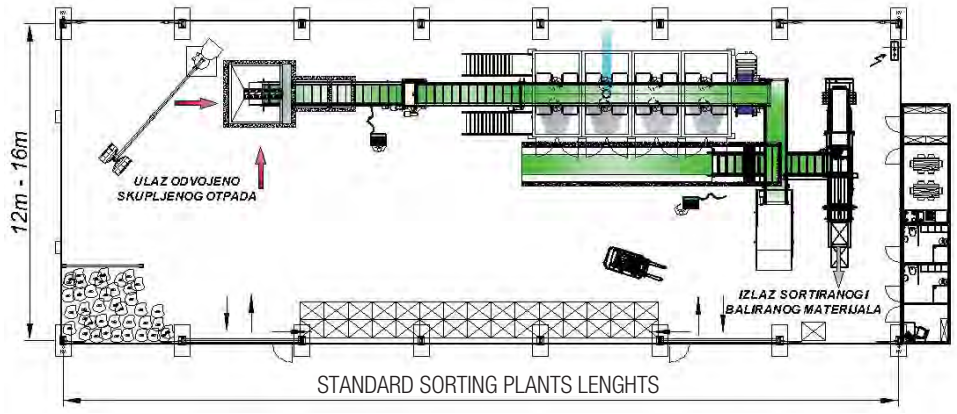
MUNICIPAL WASTE IS RAW MATERIAL AND ENERGY

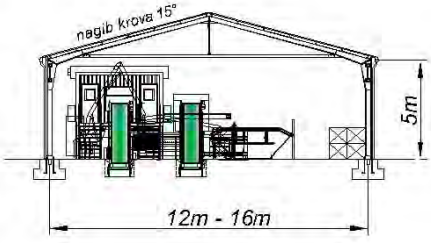
SORTING PLANTS FOR RECYCLING AND BALING OF RAW MATERIALS FROM COLLECTED MUNICIPAL WASTE

SORTING PLANT WITH EQUIPMENT – PREFABRICATED AND MOBILE

Tehnix®

INNOVATION KNOW-HOW EXPERIENCE PARTNERSHIP IN RECYCLING OF MUNICIPAL WASTE





TYP	CAPACITY - t/year EP = NUMBER OF INHABITANTS	HALE DIMENSION [W x L x H]	LAYOUT AREA SORTING	NUMBER OF EMPLOYED STUFF	RECYCLING INSTALLED POWER
1	1000 t or 10 000 EP	12 x 24 x 5 m	290 m^2	6	30 kW
2	1500 t or 15 000 EP	12 x 30 x 5 m	360 m^2	8	40 kW
3	2000 t or 20 000 EP	16 x 42 x 6 m	670 m^2	10	50 kW
4	3000 t or 30 000 EP	16 x 48 x 6 m	770 m^2	12	60 kW

CAPACITIES OF SORTING PLANTS FOR MUNICIPAL WASTE RECYCLING

EQUIPMENT FOR COMPOST PRODUCTION FROM BIODEGRADABLE WASTE

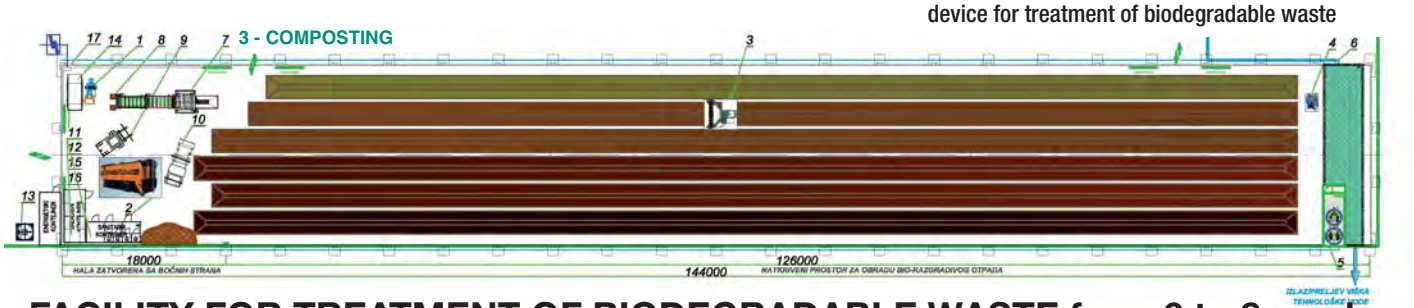
SUSTAINABLE DEVELOPMENT BY WASTE USING AND COMPOST PRODUCTION

ECO - KOMPOSTER - device for wood treatment, diameter to 120 mm

TEHNIX - the process of composting in piles around the world function reliably in all climatic zones. Reuse of organic waste is kept landfill resources and significantly reduces greenhouse gas emissions in relation to the landfill or incinerator. The use of organic fertilizer increases the humus content in the soil and permanently improves its fertility.

KOMPOSTER SIEVE - device for treatment and sifting of compost

KOMPOSTDER - 2000 - 3000 - 4000
device for treatment of biodegradable waste



FACILITY FOR TREATMENT OF BIODEGRADABLE WASTE from 6 to 8 weeks

KOMPOSTER SIEVE – COMPACT DEVICE FOR QUALITY AND FAST COMPOSTING

TYPE	KS - 2000	KS - 4000
Layout dimensions	6200 x 2250 x 2750 mm	10200 x 2250 x 2750 mm
Dimensions of sieve	Ø 1840 x 2000 mm	Ø 1840 x 4000 mm
Perforation of sieve	25 x 25 mm	
Rotation speed	1 do - min^{-1}	
Receiving chamber volume	1,6 m^3	
Filling height	2650 mm	
Horizontal conveyor dimensions	4150 x 865 mm	2150 x 865 mm
Lifting conveyor dimensions	3000 x 865 mm	
Back chamber dimensions	1700 x 250 x 400 mm	

Modern waste management involves separating materials by type, where the separation of bio-waste is in the first phase in this complex process. The company Tehnix has, using the knowledge and experience in the field of separation and sorting of municipal waste, developed a mobile device for remediation of old landfills and reduction of landfilled mixed municipal waste, called KOMPOSTER SIEVE. Komposter sieve is designed to work independently with the possibility of dual power / with network power supply or built-in diesel generator power 8.8 kW.

SUSTAINABALE DEVELOPMENT BY EXPLOITATION OF ORGANIC WASTE AND COMPOST PRODUCTION

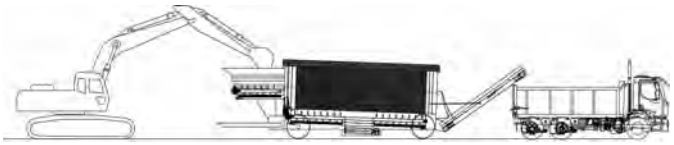
EQUIPMENT FOR RECOVERY OF OLD LANDFILLS
WE PRODUCE DEVICES – ADVISE

SANATOR OF OLD LANDFILLS

RECOVER OF OLD LANDFILLS

RECOVERY OF OLD LANDFILLS – PLANT FOR WASTE REDUCTION
MOBILE LANDFILL SANATOR TEHNIX – CAPACITY TO 30 t/h

SANATION OF OLD LANDFILLS
GOLF COURSE AT OLD LANDFILL IN SWEDEN
DURO HORVAT
PRESIDENT OF COMPANY TEHNIX
WE KNOW HOW TO SOLVE YOUR PROBLEM
OF WASTE MANAGEENT
SANATION OF OLD LANDFILLS - DUMPS USING
TEHNIX MBT-T PLANT FOR TREATMENT
OF MIXED MUNICIPAL WASTE



1. ROTATING SIEVE - HARDOX Ø 2400 x 6000 mm
2. WORM CONVEYOR OF SORTED FRACTION 6000 x Ø 500 mm - double
3. RECEPTION HATCH 3 m³ WITH WORM CONVEYOR 2000 x Ø 500 mm
4. COLLECTION CONVEYOR for dosing of sorted fraction on lateral lifting conveyor
5. LATERAL CONVEYOR OF SORTED FRACTION for dosing of sorted fraction in rolo container or special vehicle
6. LIFTING CONVEYOR OF UNSORTED FRACTION for soding of sorted fraction in rolo container or special vehicle

PLANT FOR AUTOMATIC AND ECOLOGICAL WASHING OF MUNICIPAL VEHICLES UNDERCARRIAGES

Type	CAPACITY [vehicles/h]	PUMP FLOW [L/min]	INSTALLED POWER [kW]	Nr. NOZZLES	FACILITY DIMENSIONS [mm]	FOUNDATIONS DIMENSIONS [mm]	SEPARATOR [L]
APV 4/20 m³	up to 20	max 1800	5,5	114	5000 x 3600 x 2150	6000 x 4000 x 200	20000
APV 6/30 m³	up to 30	max 3750	7,5	174	7000 x 3600 x 2150	8000 x 4000 x 200	30000

PRODUCTION – SUPPLY – MAITENANCE

COMMUNAL WASTE RELOADING STATIONS TEHNIX

ECONOMICAL WAY OF RELOADING, TRANSPORT AND UNLOADING OF COMMUNAL WASTE

Automatic reloading station type Tehnix - from garbage truck to 32 m³ press-containers

WE GIVE YOU THE BEST ADVICES FOR ECONOMICAL AND ECOLOGICAL WASTE MANAGEMENT

Manual reloading station for smaller capacities

Automatic transfer station

WE GIVE SOLUTIONS AND BUILD CONSTRUCTION, MACHINE AND ELECTRICAL PROJECTS

TEHNIX EKOMUNAL SPECIAL
SPECIAL MUNICIPAL VEHICLE
FOR COLLECTING, COMPACTING AND UNLOADING OF MUNICIPAL WASTE

VOLUME

14 m³
16 m³
18 m³
20 m³
22 m³

MUNICIPAL WASTE COLLECTING
FROM BINS 80 – 120 – 240 – 1100 L AND AND CONTAINERS 1100 L AND 5-7 m³

THE MOST IMPORTANT 10 REASONS WHY TO BUY SPECIAL VEHICLE EKOMUNAL TEHNIX

1. HIGH QUALITY OF UPGRADE AND VEHICLE FOR WASTE COLLECTING
2. OPTIMAL PRICE AND FAVORABLE CONDITIONS FOR UPGRADE AND VEHICLE PURCHASE
3. SMALL FUEL CONSUMPTION ENGINE EURO 6; MINIMAL EMISSIONS CO2
4. HIGH WASTE COMPACTION IN VOLUME FOR ACCEPTANCE MINIMAL 1:6
5. VEHICLE UPGRADE IS SIMPLE, PERMANENT FUNCTIONAL CONSTRUCTION UNIT
6. WEARTING POSITIONS ARE MADE FROM HARDOX SPECIAL STEEL
7. INSURED SPARE PARTS AND FAST EKOMUNAL UPGRADE SERVICE
8. EMBEDDED COMPLETE SAFETY SIGNAL AND TECHNOLOGICAL EQUIPMENT
9. AT THE REQUEST OF BUYER WE BUILT IN VOLUME USER IDENTIFICATION SYSTEM
10. WITH VEHICLE AND UPGRADE DELIVERY, WE GIVE COMPLETE DOCUMENTATION

VEHICLES
MERCEDES
MAN
DAF
IVECO

WE DEVELOP SMALLER MUNICIPAL VEHICLES CAPACITY 10 m³

TEHNIX EKOMUNAL STANDARD
SPECIAL MUNICIPAL VEHICLE
FOR COLLECTING, COMPACTING AND UNLOADING OF MUNICIPAL WASTE

MUNICIPAL WASTE COLLECTION FROM BINS 80 – 120 – 140 L AND CONTAINERS 1100 L

EKOMUNAL TYPE	EKOMUNAL 14	EKOMUNAL 16	EKOMUNAL 18	EKOMUNAL 20	EKOMUNAL 22
PRESSING CHAMBER [m^3]	14	16	18	20	22
INPUT CHAMBER [m^3]	2	2	2	2	2
* LENGTH [mm]	up to 6555	up to 6955	up to 7355	up to 7755	up to 8155
** WIDTH [mm]	up to 2500	up to 2500	up to 2500	up to 2500	up to 2500
*** HEIGHT [mm]	up to 2200	up to 2200	up to 2200	up to 2200	up to 2200
GROSS VEHICLE WEIGHT [kg]	18 000	18 000	26 000	26 000	26 000
ENGINE POWER [kW]	200	200	235	235	235
NUMBER OF AXLES	2	2	3	3	3

NOTE: Vehicles dimensions adjusting to the needs of users.

*Depending of vehicles model choice / ** from 2300 to 2495 on all EKOMUNAL sizes / *** depending of vehicles model choice

UNDERCARRIAGE: MERCEDES, MAN, IVECO, DAF etc..

WE DEVELOP SMALLER MUNICIPAL VEHICLES CAPACITY 10 m^3

DURABLE

PRESS-CONTAINERS TEHNIX
HYDRAULIC AND WORM
Machines for waste pressing 5, 7,5 i 10 m³

The right solution for your company, your town or village, hospitals, fuel station, markets, hotels, camping sites, marinas, construction sites, Croatian islands, banks, for all types of industry and shopping malls.

LESS ENERGY
LESS SPACE

GREAT SAVINGS

PKH-10. Tehnix 10 m³ press-container - modern unit for waste pressing

Hydraulic press-container with lifting unit

Container locking system

Hydraulic cover lifter

Drive unit of hydraulic press-container

Press-container pressing plate
Central lubrication system

Drive worm unit for press-containers

Driving worm, high pressing efficiency (1:10)

Standard press-container dimension

Type of device	Volume	Press-container dimensions	Installed power	Pressing force
PKH-5 / PKP-5	5 m³	3780 x 1900 x 1665	4 kW / 5,5kW	up to 320 kN
PKH-7,5 / PKP-7,5	7,5 m³	4370 x 2115 x 2055	4 kW / 5,5 kW	up to 320 kN
PKH-10 / PKP-10	10 m³	4770 x 2115 x 2055	4 kW / 5,5 kW	up to 320 kN

AUTOMATIC REGULATION OF THE NUMBER OF THRUST PLATE STROKES

PRESS-CONTAINERS WITH CAPACITY OF 32, 20 and 16 m³

MODELS: 1. Standard, 2. With front wheels and double lifting hook, 3. With a lifting unit, 4. Two-parts rolo 32 m³

ADVANTAGES AND SAVINGS OF PRESS-CONTAINERS USAGE:

Economic advantages

- decrease of transportation costs for up to 10 times
- amortization up to 12 months
- good purchase conditions and long-lasting product life

Ecological and fire-fighting protection

- controlled waste collection and transport to disposal site
- smell protection
- eliminated possibility of rinsing and water contamination

Health protection

- impossible transmission of contagious diseases
- impossible access for rodents
- impossible spreading by wind or people

Technical advantages

- high quality, long-term use
- simple handling and manipulation
- controlled loading and easy discharge
- dimensions according to DIN standard

Two-parts rolo press-container 32 m³ to 10 tons

Special desing of two-part press-container with lifter

20 m³ press-container

TEHNIX press-containers have high quality, durability and attests according to TÜV EU norms

Loading of press-container

Standard press-container dimension

Type of device	Volume	Rolo container dimensions	Installed power	Pressing force
PKH-14 / PKP-14	14 m³	5950 x 2035 x 2235	5,5 kW / 7,5 kW	up to 320 kN
PKH-16 / PKP-16	16 m³	5930 x 2530 x 2525	5,5 kW / 7,5 kW	up to 320 kN
PKH-20 / PKP-20	20 m³	6680 x 2530 x 2525	5,5 kW / 7,5 kW	up to 320 kN
DPKH-32 / DPKP-32	32 m³	6430 x 2360 x 2680	5,5 kW / 7,5 kW	up to 350 kN

ENERGY SAVINGS, LOW PRICE, LONG PRODUCT LIFE

ROLO CONTAINERS - Tehnix

MODERN AND SAFE WAY FOR MATERIALS TRANSPORT

Scattered material, material in pieces and liquid bulk with the volume from 14 m³ to 32 m³, according to DIN 30722 standard.

Rolo containers “Tehnix” - type product

Door type, tarpaulin protection and color on a request

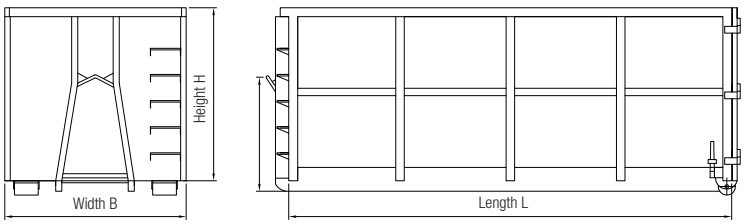
Rolo container in INOX version

Rolo container with rotating cover

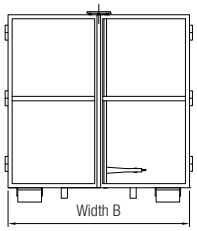
Rolo container type Strabag

Fast cargo discharge and loading, practical exchange - full for empty

Rolo container with crane opening



Rolo containers have the closing system according to Euro standard



With or without a bar

Interior dimensions of Tehnix rolo container

Type TEHNIX	Length L [m]	Width B [m]	Height H [m]	Volume [m³]	Weight [kg]
1000-14	6.00	2.45	1.00	14	1850
1000-18	6.00	2.45	1.25	18	2000
1500-21	6.00	2.45	1.50	21	2100
1500-23	6.00	2.45	1.65	23	2250
2000-28	6.00	2.45	2.00	28	2450
2000-30	6.00	2.45	2.15	30	2600
2000-32	6.00	2.45	2.30	32	2650

In developed European countries 70% of scattered cargo is transported by rolo containers. Their application is especially frequent in civil engineering, for scattered cargo transport. They are used as reception storage locations in recycling yards. They reduce the costs of goods transport. One cargo truck can serve 10 or even more containers. Rolo containers are also suitable for renting. They are safe and practical in transport! They are cheap in exploitation. Have long service life.

ROLO CONTAINERS for light cargo - sheet metal for sides is 3 mm thick, floor 4 mm

ROLO CONTAINERS for heavy cargo - sheet metal for sides is 4 mm thick, floor 5 mm

UPON A CLIENT’S REQUEST, WE PRODUCE SPECIAL VERSIONS

KO-tainers

DEVICES FOR COLLECTION, COOLING AND STORAGE OF SLAUGHTER HOUSE AND FOOD WASTE

KO-tainer with volume of 1.5 m^3 and 3 m^3

Type	Volume	Power	Dimensions (LxWxH)
1	1.5 m^3	0.42 kW	1400 x 950 x 1500
2	3 m^3	0.63 kW	1400 x 1700 x 1500
3	5 m^3	0.80 kW	2400 x 1200 x 1800
4	10 m^3	1.10 kW	2400 x 2200 x 1800
5	16 m^3	1.52 kW	3000 x 2438 x 2591
6	32 m^3	2.56 kW	6000 x 2438 x 2591
MOBILE rolo KO-tainer		20 m^3	6200 x 2500 x 2300

KO-tainer with volume of 16 m^3 and 32 m^3

ADVANTAGES OF STORAGE IN KO-tainer:

1. Constant cold air stream ensures uniform cooling and moisture removal from the waste inside the KO-tainer.
2. Constant storage temperature from +4 to +8 °C with the regulation possibility according to the user's needs.
3. Ensured easy manipulation inside the KO-tainer.
4. Storage area is equipped according to the user's needs.
5. Protection against stench, spreading, contagious diseases and rotting.
6. Automatic device's operation all year round.
7. Possibility of remote control via SMS.
8. Minimal power consumption for given storage conditions.
9. High quality materials and attractive design.
10. In compliance with legal regulations.

EQUIPMENT FOR COLLECTION AND TRANSPORT OF SLAUGHTER HOUSE RESIDUES

WE BUILD FACILITIES FOR ANIMAL WASTE BREAKDOWN

REFRIGERATOR – ROLO CONTAINER

POWER PLANT FOR INCINERATION

ENERGY FROM INCINERATED CONFISCATE

VERTICAL BALING PRESSES

RECYCLING: cardboard, paper, PET packaging, plastic, wooden crates, aluminum and steel packaging, barrels, tin cans, plastic cans, used refrigerators, used stoves, used IT equipment and other

Bonding with PVC band

UNIVERZALNA VERTIKALNA PREŠA BALIRKA10 t
UNIVERZALNA VERTIKALNA PREŠA BALIRKA15 t
UNIVERZALNA VERTIKALNA PREŠA BALIRKA 20 t

Baling press - vertical/pressure 10, 15 and 20 t

Baling press VPB - 10

DOUBLE-CHAMBER BALING PRESS - COMPACTOR

Double-chamber baling press DVPB - 15

Double-chamber baling press with a transporter

Pet packaging recycling line

APPLICATION: In recycling facilities, recycling yards, markets, shopping malls, shops, industrial facilities, ports, hospitals, schools, nursing homes, hotels, restaurants, campsites…

Press type	Power [V/kw]	Pressure [t]	Bale weight [kg]	Bale dimensions [LxWxH, mm]	Outer dimensions [LxWxH, mm]
VPB - 10	220 V / 2,2 kW	10 t	up to 100 kg	600 x 510 x 550	950 x 800 x 2440
VPB - 15	380 V / 3,0 kW	15 t	up to 200 kg	700 x 710 x 650	1100 x 1050 x 2870
VPB - 20	380 V / 4,0 kW	20 t	up to 250 kg	1000 x 710 x 650	1100 x 1250 x 2870
DVPB - 10	220 V / 2,2 kW	10 t	up to 100 kg	600 x 510 x 550	1600 x 880 x 2300
DVPB - 15	380 V / 3,0 kW	15 t	up to 200 kg	700 x 710 x 650	1820 x 1150 x 2500

We design, manufacture and assemble recycling yards
UPON A REQUEST, WE PRODUCE SPECIAL VERSIONS OF PRESSES

SEMI-AUTOMATIC HORIZONTAL BALING PRESSES

RECYCLING: cardboard, paper, PET packaging, plastic, wooden crates, aluminum and steel packing material, barrels, tin cans, plastic cans, used refrigerators, used stoves, used IT equipment and other

Bonding with Ø 3 mm wire

Horizontal baling presses HPB-25 and HPB-40 type Tehnix

Balebinding with Ø 3 mm wire

Bailed waste cardboard 1x0.7x0.7 m

Horizontal baling press HPB-25

Press type	Power [V/kw]	Pressure [tons]	Bale weight [kg]	Bale dimensions [LxWxH, mm]	Outer dimensions [LxWxH, mm]
HPB - 25 M	380 V / 5.5 kW	25 t	up to 150 kg	850 x 500 x 500	3900 x 1800 x 950
HPB - 25	380 V / 5.5 kW	25 t	up to 250 kg	1000 x 720 x 720	4750 x 980 x 2120
HPB - 40	380 V /11 kW	40 t	up to 400 kg	1200 x 820 x 820	5120 x 1200 x 2520

Press with a transporter and perforator of PET packaging

Horizontal baling press HPB-25 type - TEHNIX

HPB-25 special version, pressure 10 kg/cm^2

UPON A REQUEST, WE PRODUCE SPECIAL VERSIONS OF PRESSES

AUTOMATIC BALING PRESS

TEHNIX APB 50 and APB 100 tons

Baling of paper, cardboard, PET and MET packaging, and utility waste

LESS ENERGY - HIGH EFFICIENCY - PERMANENT FUNCTION

Automatic baling press with additional equipment and control panel

Facility for baling of cardboard waste

Press runs automatically with supervision of servant. / Pressing of one bale takes from 5 to 10 minutes. / Energy consumption is less than 5 kW per tonne of baled waste. / Prefabricated elements of pressing chamber and floor enables simple replacement. / Input hatch is adjusted to the dosing conveyor. / Pissibility of installation of automatic PET perforator. / Touch - screen for facilitated management. / Recording of all working press parameters. / Possibility of installation of weighing system for facilitated monitoring of profit. / Warranty of press with conveyor is 12 months. / Assured service and spare parts. / Good conditions of supply and long life.

PRESS TYPE	APB-T 30	APB-T 60	APB-T 90
PRESSURE	300 kN	600 kN	900 kN
BALLING MATERIAL	PET, MET, foil, papercardboard, aluminum, RDF	PET, MET, foil, papercardboard, aluminum, RDF	PET, MET, foil, papercardboard, aluminum, RDF
POWER	11 kW /380 V	22 kW /380 V	37 + 4 kW /380 V
CAPACITY	up to 3 t/h	up to 6 t/h	up to10 t/h
PRESSURE IN HYDRAULIC SYSTEM	up to 200 bar	up to 200 bar	up to 200 bar
BALE WEIGHT	up to 300 kg	up to 650 kg	up to 1000 kg
CYCLE TIME	30 sec (2 cycles per minute)	30 sec (2 cycles per minute)	30 sec (2 cycles per minute)
NUMBER OF WIRES FOR BINDING WIRE TICKNESS	2 3,2 mm	4 3,2 mm	6 3,2 mm
BINDING MODE	automatic	automatic	automatic
BALE DIMENSIONS LxWxH	1200 - 2400 x 800 x 600 mm adjustable bale lenght	1200 - 2400 x 900 x 800 mm adjustable bale lenght	1200 - 2400 x 1000 x 1200 mm adjustable bale lenght
PRESS DIMENSIONS LxWxH	7200 x 1900 (4000) x 2850 mm	7200 x 2000 (4100) x 3900 mm	7950 x 2100 (4400) x 4350mm
PRESS WEIGHT	8 t (depending on the equipment)	10,5 t (depending on the equipment)	15 t (depending on the equipment)
CARRYING LAYERS	steel Hardox HD 400	steel Hardox HD 400	steel Hardox HD 400
CHARGING	ribbed conveyor belt	ribbed conveyor belt	ribbed conveyor belt
CONVEYOR DIMENSIONS	6000 x 1200 / 100 mm - above-ground 8000 x 1200 / 100 mm - underground	6000 x 1200 / 100 mm - above-ground 8000 x 1200 / 100 mm - underground	6000 x 1200 / 100 mm - above-ground 8000 x 1200 / 100 mm - underground
RECEIVING CHAMBER LxWxH	1200 x 800 x 1950 mm	1200 x 900 x 2800 mm	1400 x 1000 x 2800 mm
CONTROL SYSTEM	PLC Allen Bradley MicroLogix 1400	PLC Allen Bradley MicroLogix 1400	PLC Allen Bradley MicroLogix 1400

AUTOMATIC BALING PRESSES TEHNIX WITH DOSING EQUIPMENT

TOGETHER WITH YOU WE WILL SELECT THE BEST SOLUTION FOR RECYCLING AND BALING OF RAW MATERIALS

PLANTS FOR SHREDDING AND BALING OF PAPER, CARDBOARD, PET PACKAGING AND AUTOMATIC PREPARATION OF RDF FUEL FROM WASTE

RECYCLING YARDS FOR COLLECTING OF SPECIAL MUNICIPAL WASTE FROM CITIZENS AND FACTORIES

MOBILE RECYCLING YARDS FOR RECEPTION OF SPECIAL WASTE FROM CITIZENS AND FACTORIES

CLOSED SYSTEM OF COLLECTION AND TEMPORARY WASTE STORAGE

COLLECTION OF SPECIAL TYPE OF WASTE

- packaging of paints, varnishes and pesticides
- old medicines and batteries
- detergents and chemicals
- accumulators and electronic waste
- waste motor and edible oils

PRODUCTION OF MOBILE RECYCLING YARDS WITH EQUIPMENT ACCORDING TO THE ORDINANCE ON WASTE MANAGEMENT OF REPUBLIC OF CROATIA

SPECIAL VEHICLE WITH UPGRADE TYPE TEHNIX FOR TRANSPORT OF COMMUNAL CONTAINER

COMMUNAL CONTAINERS 5, 7 AND 10 m³

For collection of utility waste, paper, plastics, metals and other

Utility waste container 5 m³, open version

Utility waste container 5 m³, closed version

Paper container 5 m³, 7 m³ or 10 m³

Utility waste containers are produced according to DIN standards and are adopted for stacking up to three containers, what significantly reduces transport costs! They have rigid construction and long service life.

Basic dimension of utility waste containers

Type of container	Length L [m]	Width B [m]	Floor width P [m]	Height H [m]	Eye height [m]
5 m3	3.31	1.60	1.50	1.25	1.00
7 m3	3.47	1.60	1.50	1.50	1.00
10 m3	4.10	1.85	1.70	1.75	1.00

The basic construction of utility waste containers is made of 3 mm thick steel plates and it becomes rigid by the use of 4 and 5 mm thick steel plates. All rigid parts are welded along, which eliminates possibility of inner corrosion! Covers are suspended on springs and may be closed with stainless steel butterfly screw! Surface protection is made by ground and cover paint, while inner surfaces are protected by paint resistant to salt, acids and alkali!

UPON A REQUEST, WE PRODUCE SPECIAL VERSIONS

WATER PROTECTION

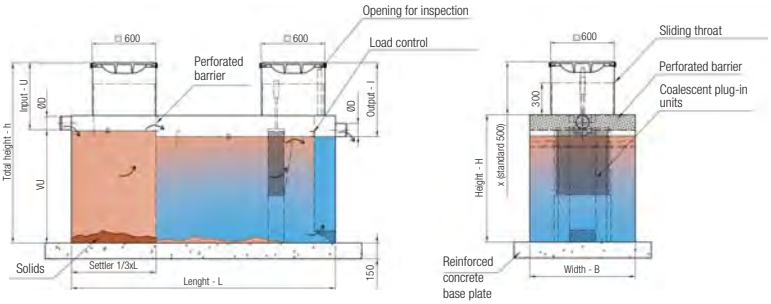
Flow SEPARATORS from 1.6 - 40 l/sec

For separation of oil and grease, sand, gravel and ashes from precipitation or processing oily water

Separators are produced according to EN 858-1 with integrated sedimentation trap and coalescent replaceable cartridge.
Quality of purified water at the separator exit is less than 5 milligrams per liter.
Installation: In the ground, in a pit excavated at the depth of h+20 cm, with projection dimensions **LxB**, onto prepared, leveled and pressed gravel, PP foil is placed with allowed deviation to 2 cm. After placing the separator, PVC tubes are connected to rubber **input-output** O-rings. It is necessary to fill in the separator with clean water up to the output level. Check the tightness of connections. Sliding separator neck with a cover should be adapted to necessary height and fill-up with dirt. Manholes and cover installed in the pavement should be reinforced, fill with concrete, cover with asphalt and level.
Maintenance: Conclude a contract with an authorized collector of waste oils and grease. When necessary, oils and grease should be discharged from the separator and disposed according to the Hazardous Waste Act.
For greater capacities, we design separators with By-pass system or with special constructions.

TEHNIX SEPARATORS ARE TYPE CERTIFIED FOR INSTALLATION IN CROATIA AND EUROPE

Coalescent cartridges



ATTEST - INSTALLATION - MAINTENANCE

Load capacity:
50 kN, 150 kN,
250 kN, 400 kN

Assembly slide throat for separators
Height adjustable: h=250 mm
Lid accepts load from the road

STANDARD DIMENSIONS OF SMALL SEPARATORS

WE GIVE SUPPORT FOR INSTALLATION AND MAINTENANCE

Separator type Volume [l]	Length L [mm]	Width B [mm]	Height H [mm]	Total height h [mm]	Input U [mm]	Output I [mm]	VU [mm]	Pipes ØD [mm]	Flow Q [l/s]
800 l	1500	750	800	1300	620	675	680	Ø 110	1.6
1200 l	1500	850	1000	1500	620	675	880	Ø 110	2.2
2000 l	2000	1000	1100	1600	620	675	980	Ø 110	3.0
2500 l	2500	1000	1200	1700	635	700	1065	Ø 125	6.0
3500 l	2750	1100	1200	1950	920	1000	1030	Ø 160	10.0
5000 l	3000	1250	1300	2050	950	1050	1100	Ø 200	20.0
6000 l	3500	1300	1350	2100	1000	1125	1100	Ø 250	30.0
10000 l	4500	1500	1500	2250	1000	1125	1250	Ø 250	40.0

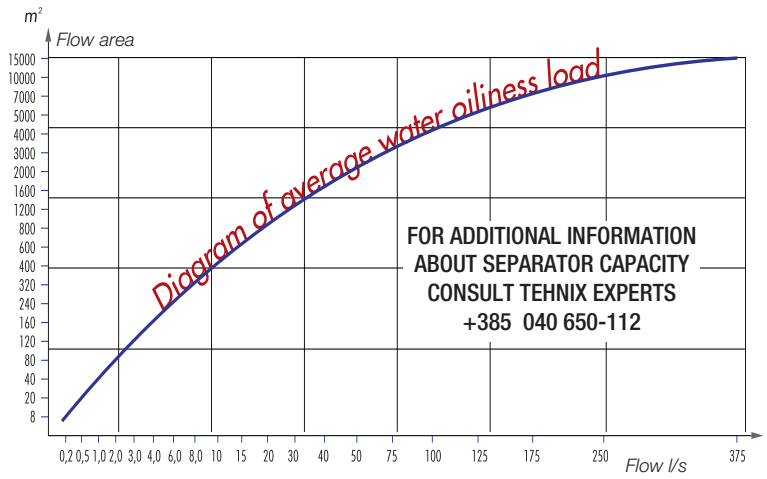
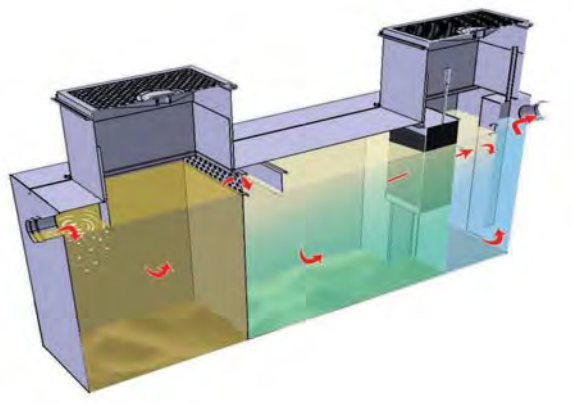


Diagram for determination of separator flow rate



THE BEST PRODUCT FOR PURIFICATION AND DRAINING OF PRECIPITATION WATER

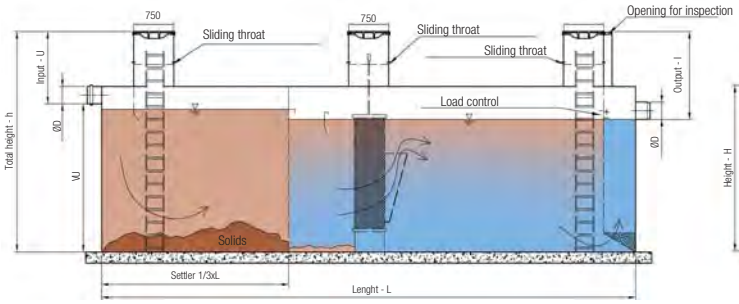
Flow SEPARATORS from 60 - 250 l/sec

For separation oils and grease, sludge, sand, gravel and ashes from precipitation and processed oily water

Separators are produced according to EN 858-1 with integrated sedimentation trap and coalescent replaceable cartridge.
Quality of purified water at the separator exit is less than 5 milligrams per liter.
Installation: In the ground, in a pit excavated at the depth of h+20 cm, with projection dimensions **LxB**, onto prepared, leveled and pressed gravel, PP foil is placed with allowed deviation to 2 cm. After placing the separator, PVC tubes are connected to rubber **input-output** O-rings. It is necessary to fill in the separator with clean water up to the output level. Check the tightness of connections. Sliding separator neck with a cover should be adapted to necessary height and fill-up with dirt. Manholes and cover installed in the pavement should be reinforced, fill with concrete, cover with asphalt and level.
Maintenance: Conclude a contract with an authorized collector of waste oils and grease. When necessary, oils and grease should be discharged from the separator and disposed according to the Hazardous Waste Act.
For greater capacities, we design separators with By-pass system or with special constructions.

TEHNIX SEPARATORS ARE TYPE CERTIFIED FOR INSTALLATION IN CROATIA AND EUROPE

SUSTAINABLE DEVELOPMENT - PROTECTION OF WATER



Load capacity: 50 kN, 150 kN, 250 kN, 400 kN

Separator input pipe

STANDARD DIMENSIONS OF THE LARGE SIZE SEPARATORS

TEHNIX INSTALLATION PROJECT

Separator type Volume [l]	Length L [mm]	Width B [mm]	Height H [mm]	Total height h [mm]	Input U [mm]	Output I [mm]	VU [mm]	Pipes ØD [mm]	Flow Q [l/s]
15 000	6000	1500	1500	2500	1325	1485	1175	Ø 315	60
20 000	6000	2000	2000	3000	1325	1485	1675	Ø 315	80
25 000	6000	2250	2000	3000	1410	1610	1590	Ø 400	100
30 000	7000	2250	2000	3000	1510	1760	1490	Ø 500	125
35 000	8000	2250	2250	3250	1250	1500	2000	Ø 500	150
40 000	9000	2500	2500	3500	1300	1600	2200	Ø 600	200
50 000	10 000	2500	3000	4000	1300	1600	2700	Ø 600	250

Unloading and installation of Tehnix separator

An example of a separator installation

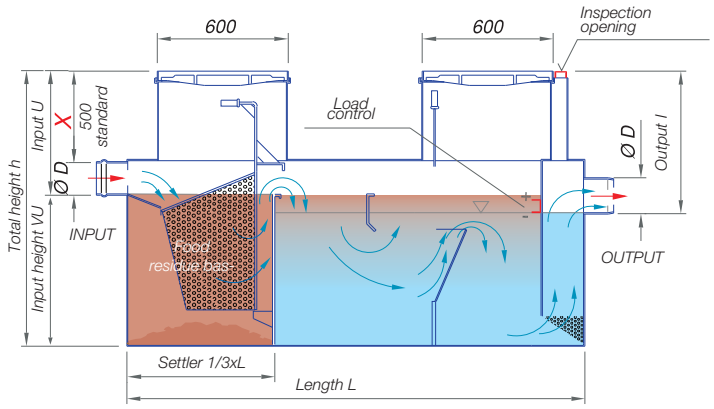
REMARK: Depth of the input pipe U is determined by the customer and modified depending on the value X. Then the depth of the leveled base h is also adjusted according to the corresponding value. Cast covers of TEHNIX type are installed as a standard for separator with the load capacity of 50, 150, 250 and 400 kN. **Construction:** The basic material is steel 0361, protected by a special coating; connecting pipes (input-output) are made from stainless steel. The complete system is tested and approved: No 32/2006-129. For other questions please contact the manufacturer of SEPARATORS.

THE BEST PRODUCT FOR PURIFICATION AND DRAINING OF PRECIPITATION WATER

WATER PROTECTION

GREASE-TRAPS - SPECIAL CONSTRUCTION

Flow from 1 to 10 l/s, attest number 32/2006-131
Intended for kitchens, hotels, restaurants



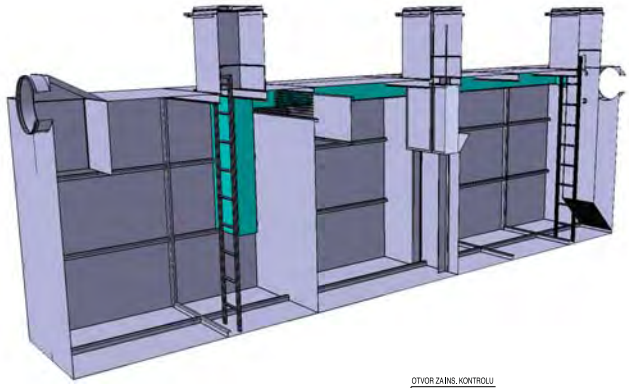
Installation of the grease-trap

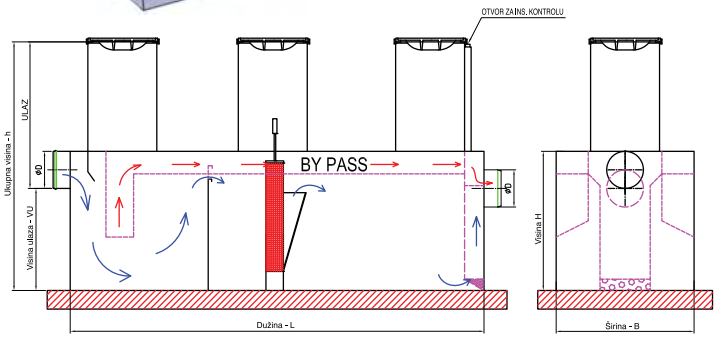
Installation: In the ground, in a pit excavated at the depth of h+20 cm, with projection dimensions LxB, onto prepared, leveled and pressed gravel, PP foil is placed with allowed deviation to 2 cm. After placing the separator, PVC tubes are connected to rubber **input-output** O-rings. It is necessary to fill in the grease-trap with clean water up to the output level. Check the tightness of connections. Sliding grease-trap neck with a cover should be adapted to necessary height and fill-up with dirt. Manholes and cover installed in the pavement should be reinforced, fill with concrete, cover with asphalt and level.

Separator type Volume [l]	Length L [mm]	Width B [mm]	Height H [mm]	Total height h [mm]	Input U [mm]	Output I [mm]	VU [mm]	Pipes ØD [mm]	Flow Q [l/s]
800 l	1500	750	800	1300	620	675	680	Ø 110	1.5
1200 l	1500	850	1000	1500	620	675	880	Ø 110	2.2
2000 l	2000	1000	1100	1600	620	700	980	Ø 110	3.0
2500 l	2500	1000	1200	1700	670	750	1070	Ø 125	6.0
3500 l	2750	1100	1200	1950	920	990	1030	Ø 160	10.0
5000 l	3000	1250	1300	2050	950	1050	1100	Ø 200	20.0

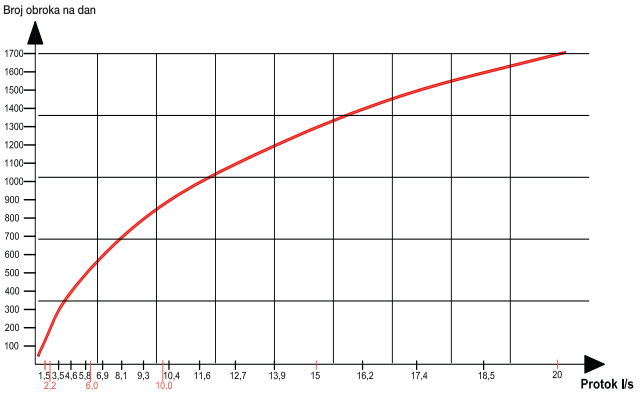
SEPARATORS WITH BY-PASS

Flow from 3+12 l/s to 250+1000 l/s





Schematic overview of the function



Graphic outline for determination of grease-trap size

DESING – PRODUCTION – INSTALLATION

SPECIAL SEPARATORS
INTENDED FOR PROTECTED WATER AREAS

For separation oils and grease, sediment, sand, gravel and ashes from precipitation and processed oily water

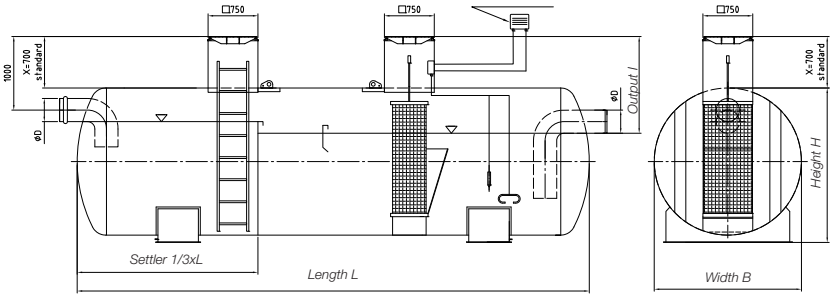
WATER PROTECTION

DOUBLE WALLED SEPARATORS WITH A CONTROL SYSTEM AND LOAD ALARM
Separators are manufactured according to EN 858-1 with integrated sedimentation device, tank construction according to EN 12285.
Installation: In specially protected water areas according to the national and regional plans for water protection against accidental pollution prevention of springs, pumping sites and underground and surface water used for water-supply and irrigation.
Installation mode: In the ground, in a pit excavated at the depth of h+20 cm, with projection dimensions **LxB**, onto prepared, leveled and pressed gravel, PP foil is placed with allowed deviation to 2 cm. After placing the separator, PVC tubes are connected to rubber **input-output** O-rings. It is necessary to fill in the separator with clean water up to the output level. Check the tightness of connections. Sliding separator neck with a cover should be adapted to necessary height and fill-up with dirt. Manholes and cover installed in the pavement should be reinforced, fill with concrete, cover with asphalt and level.
Maintenance: Conclude a contract with an authorized collector of waste oils and grease. When necessary, oils and grease should be discharged from the separator and disposed according to the Hazardous Waste Act.
For greater capacities, we design separators with By-pass system or with special constructions.

TEHNIX SEPARATORS ARE TYPE CERTIFIED FOR INSTALLATION IN CROATIA

Equipment for the control and alarming in case of separator's overload

Installation of the special separator



Assembly of special separator type TEHNIX

STOPPERS type TEHNIX
ONE-SPINDLE AND TWO-SPINDLE

On-site lifting of special separator with lifter

Overview of installed stoppers on-site

Material: St 37-2
The whole system is hot galvanized

Application: They are installed at overflow dams and regulation drains.

Drive: motor or manual

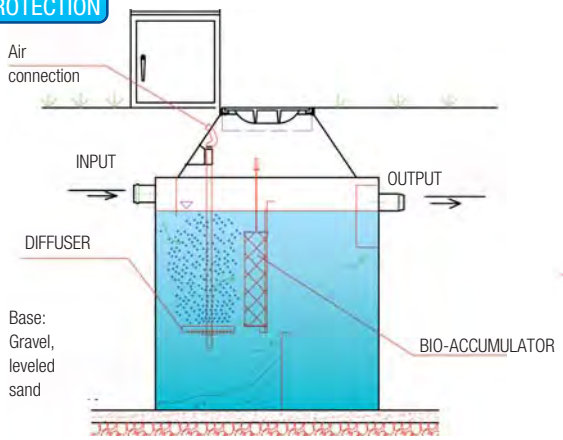
If necessary, a landing for easier access is constructed next to the stopper.

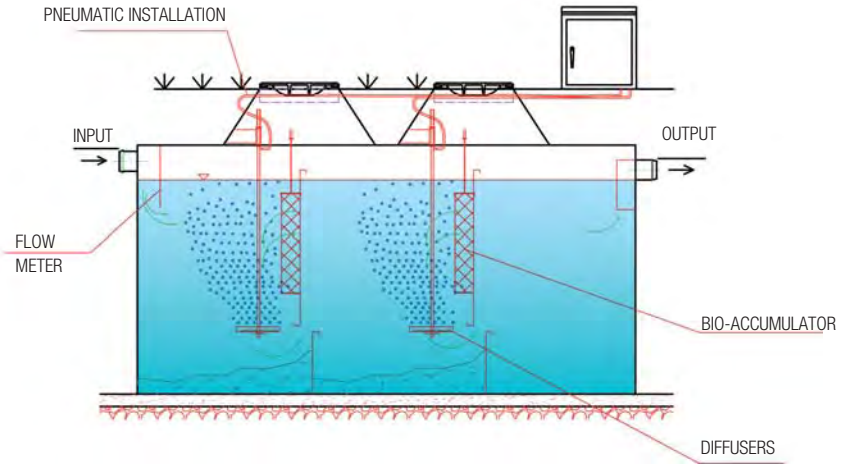
PROJEKTIRAMO SPECIJALNE SUSTAVE ODVODNJE MI TO ZNAMO NAJBOLJE

WATER PROTECTION

BIO CESSPIT Tehnix

The right solution for lower number of residents, for your house or apartments





INSTALLATION METHOD: dig a pit, fill up the bottom with gravel, press it manually or with a machine, level and install BIO CESSPIT. After installation, connect pipes and fill BIO CESSPIT with water.

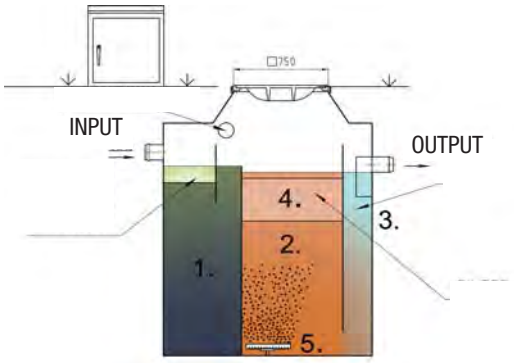
Air blower

150 lit/min

EUROVIX

BIOTECHNOLOGIES FOR LIFE

ENVIRONMENTAL PROTECTION SERIES



BIO CESSPITS TEHNIX - We install cast iron covers with the load capacity of 50, 150, 250 and 400 kN

Standard bio cesspit dimensions

Device type	No. of persons per day	Daily flow [lit/day]	Organic load [g BPK5/day]	Cesspit dimensions [L x W x H]	Connecting pipes [mm]
BJT-5	up to 5	500	300	1500 x 1500 x 2000	Ø 110
BJT-10	5 - 10	1000	600	3000 x 1500 x 2000	Ø 125
BJT-20	10 - 20	2000	1200	3000 x 2000 x 2500	Ø 160
BJT-30	20 - 30	3000	1800	4000 x 2000 x 2500	Ø 160
BJT-50	30 - 50	5000	2500	6000 x 2500 x 3000	Ø 200

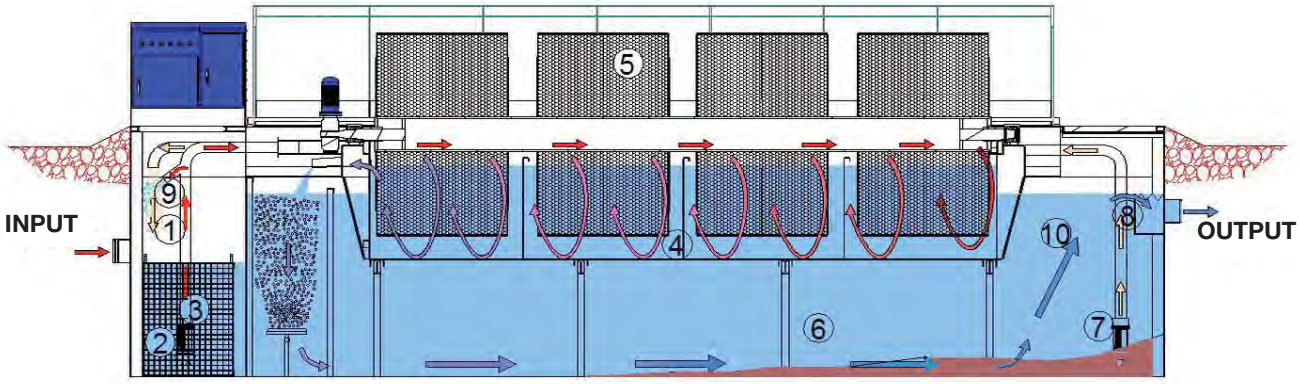
Upon the client's request, bio cesspit can be completely made of stainless steel! Attest - BJT 5 (2977/2006), BJT 10 (2978/2006), BJT 20 (2979/2006), BJT 30 (2980/2006), BJT 50 (2981/2006)

ZNAMO RIJEŠITI VAŠ PROBLEM PROČIŠĆAVANJA VODA

BIOROTORS TEHNIX

Modern, compact and portable devices for biological aerobic waste water treatment
Over 1,500 devices installed still in operation

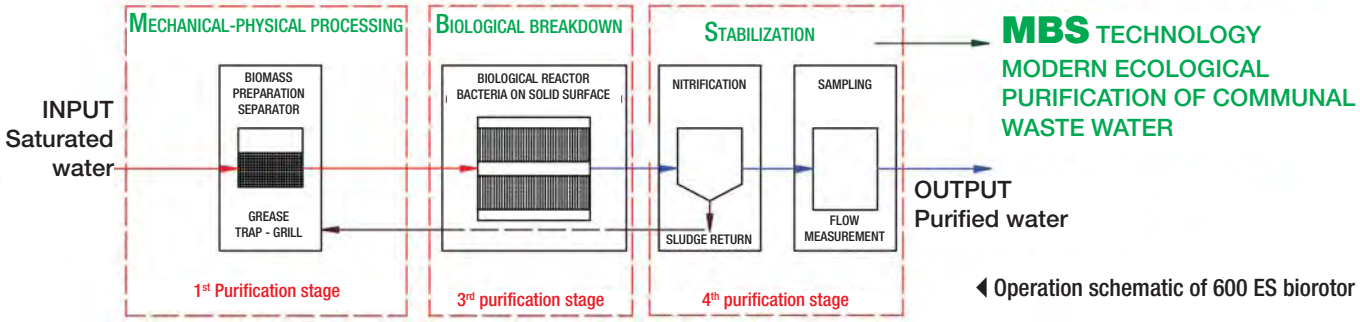
WATER PROTECTION



DESCRIPTION OF TECHNOLOGICAL PROCESSES OF AEROBIC BIOLOGICAL WASTE WATER TREATMENT

1. Intake chamber with a grill for loading of solid mater, rags, wood and other
2. Sand trap for collection of sand, gravel, ashes and other
3. Pre-pump lifting station with installed double sludge pumps type Tehnix
4. Primary pool bio-mass dosing device of a rotating polypropylene rotor
5. Rotor filled with polypropylene flow honeycomb blocks for biomass maintaining
6. Secondary sedimentation pool of aerobic biological purified waste water
7. Pre-pump system for occasional return of active sludge for nitrification purposes
8. Separation grill installed before water exit from BIOROTOR with MATALA filter
9. Recirculation and balancing valve of circular process of aerobic water processing
10. Output chamber for collection of waste water samples and access for extraction of collected sludge

Device type	Number of persons (daily)	Daily flow (m^3/day)	Organic load (kg BPK_5/day)	Device dimensions (AxBxH m)	Base plate (axbxh m)	Connecting pipes (Ø)	Installed power (kW)
BRT-100	100	10	6	6,0 x 2,25 x 2,25	7,0 x 2,25 x 0,2	160	3,5
BRT-200	200	20	12	7,0 x 2,25 x 2,25	8,0 x 2,25 x 0,2	200	4,5
BRT-300	300	30	18	8,0 x 2,25 x 2,25	9,0 x 2,25 x 0,2	200	4,5
BRT-400	400	40	24	10,0 x 2,25 x 2,25	11,0 x 2,25 x 0,2	200	4,5



Operation schematic of 600 ES biorotor

DESCRIPTION OF BIOROTOR FUNCTIONS

WE HAVE A SOLUTION FOR YOUR PROBLEM OF WATER PURIFICATION

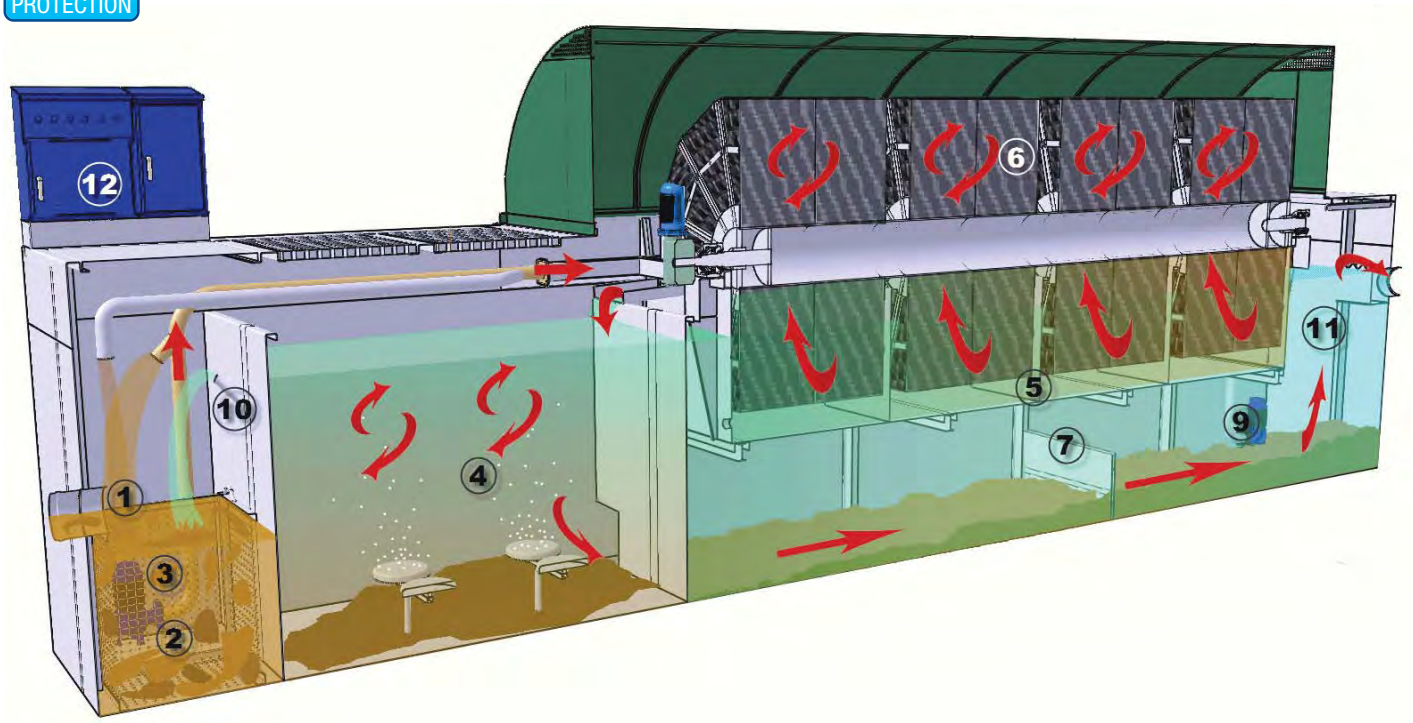
- Electric motor EM1 rotates biorotor's rotor and works continuously
- Pumps PMP1 is work pump which is started with level switch (buoy) when there is water flow in collection chamber
- Pump PMP2 is a spare pump which is also started by level switch (buoy) when water flow in the collection chamber is higher than pumping capacity of the work pump or when the work pump is out of order
- Pump PMP3 is used for return of active sludge from secondary settler in the collection chamber and it works in specified time intervals
- Air blower operates in previously specified time intervals and serves for water enrichment with oxygen and removing ammonium from water

FUNCTIONAL AND ECONOMICAL SOLUTION

WATER PROTECTION

BIOROTORS - of mid capacities

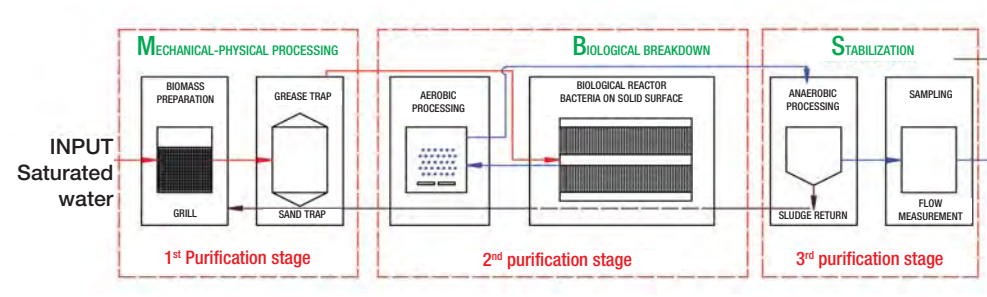
Modern devices for biological aerobic waste water treatment



TECHNOLOGICAL WASTE WATER PROCESSES IN BIOROTOR

1. Intake chamber with a grill for loading of solid mater, rags, wood and other
2. Sand trap for collection of sand, gravel, ashes and other
3. Pre-pump lifting station with installed double sludge pumps type Tehnix
4. Aeration pool with diffusers - water enrichment with oxygen and ammonium extraction
5. Primary pool bio-mass dosing device of a rotating polypropylene rotor
6. Rotor filled with polypropylene flow honeycomb blocks for biomass maintaining
7. Secondary sedimentation pool of aerobic biological purified waste water
8. Pre-pump system for occasional return of active sludge for nitrification purposes
9. Separation grill installed before water exit from BIOROTOR with MATALA filter
10. Recirculation and balancing valve of circular process of aerobic water processing
11. Chamber for collection of waste water samples and access for extraction of collected sludge
12. Electric control cabinet with automatic system for air suction

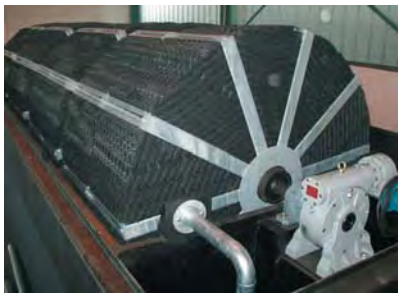
Device type	ES (daily)	Daily flow (m^3/day)	Organic load (kg BPK_5/day)	Device dimensions (AxBxH m)	Base plate (axbxh m)	Connecting pipes (Ø)	Installed power (kW)
BRT-600	600	60	36	10,0 x 2,5 x 2,5	11,0 x 3,0 x 0,2	250	6
BRT-800	800	80	48	11,0 x 2,5 x 2,5	12,0 x 3,0 x 0,2	250	7
BRT-1000	1000	100	60	12,0 x 2,5 x 2,5	13,0 x 3,0 x 0,2	315	7,5
BRT-1250	1250	125	75	13,5 x 2,5 x 2,5	14,5 x 3,0 x 0,2	400	8,5



MBS TECHNOLOGY
MODERN ECOLOGICAL PURIFICATION OF COMMUNAL WASTE WATER

OUTPUT
Purified water

Operation schematic of 600 ES to 1250 ES biorotor



Rotor of biological section of device

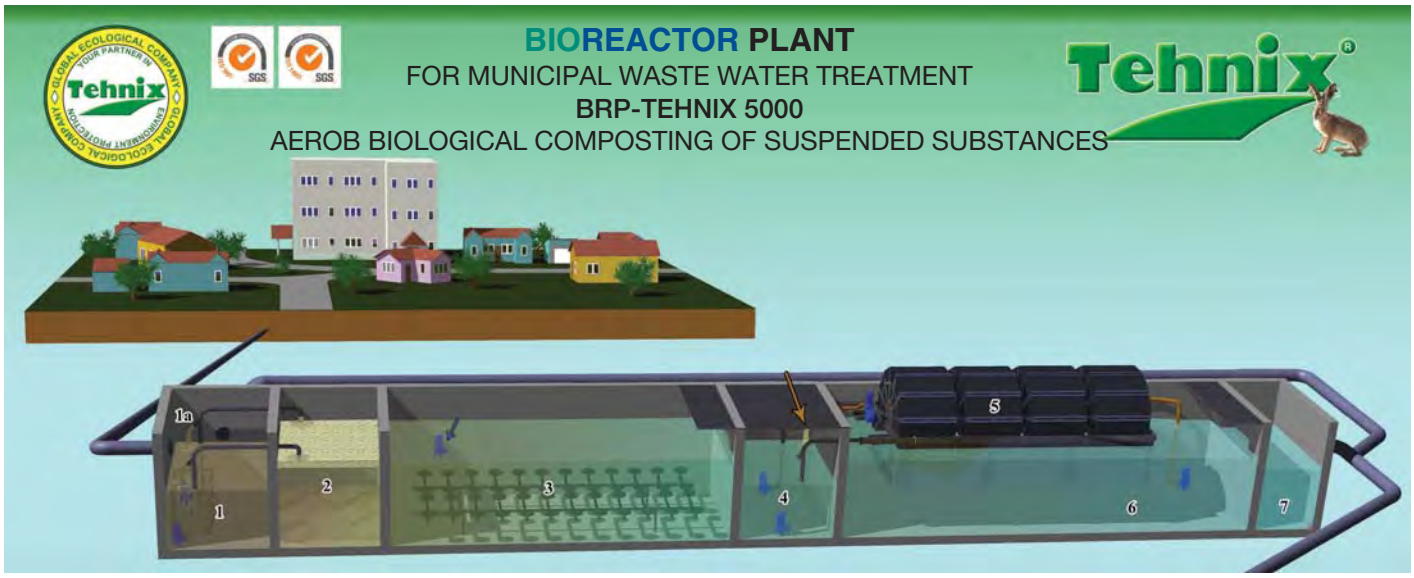
Montage of BRT-1500 in Sri Lanka

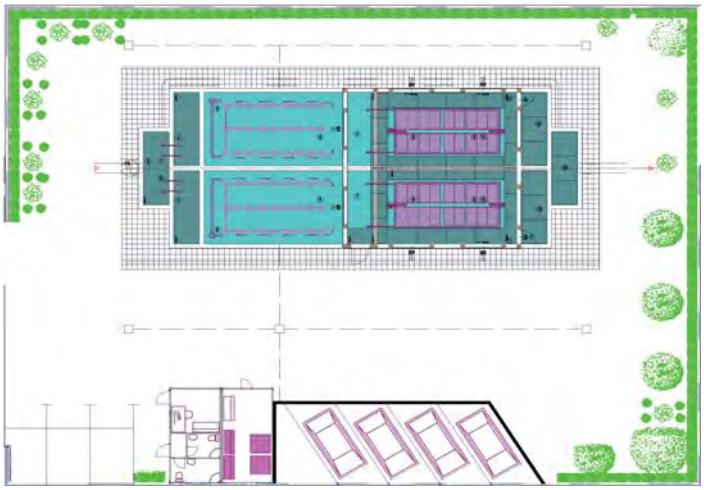
Biorotor Tehnix built in near apartment complex

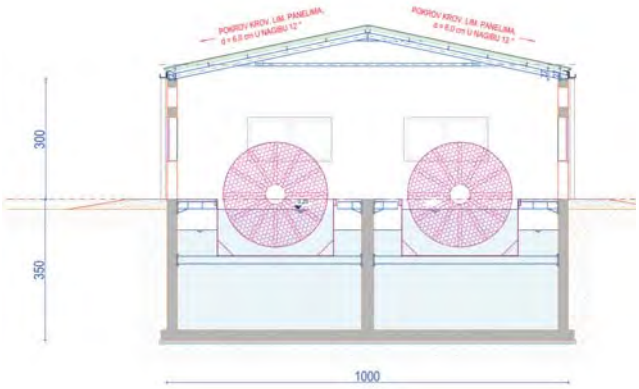
BIOREACTOR PLANT UP TO 2500 ES
BIOREACTOR PLANT UP TO 5000 ES

FOR MUNICIPAL WASTE WATER TREATMENT

WATER PROTECTION





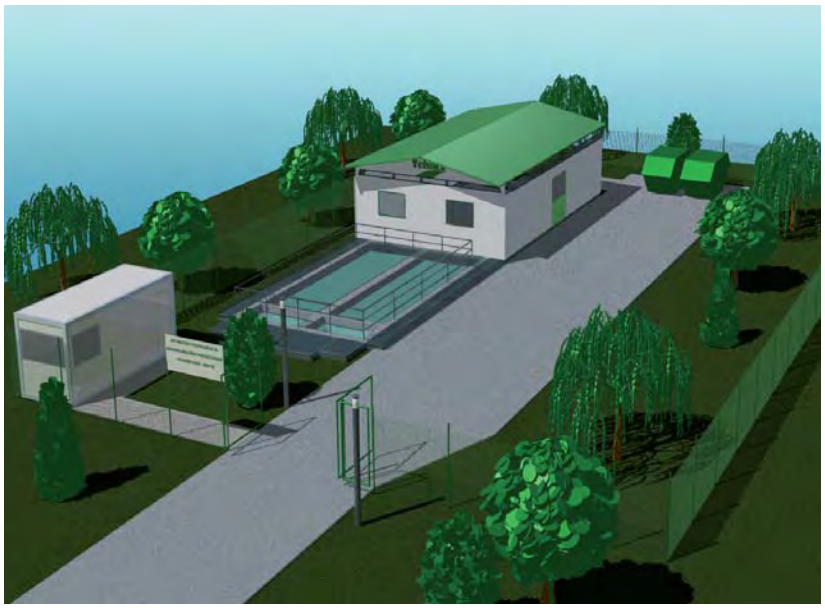


BIOREACTORS BRP-2500 dimensions 35 x 25 m
BIOREACTORS BRP-5000 dimensions 40 x 30 m

WATER PROTECTION

BIOREACTOR PLANTS UP TO 10 000 ES

FOR MUNICIPAL WASTE WATER TREATMENT
DIMENSIONS: length 50 m, width 50 m



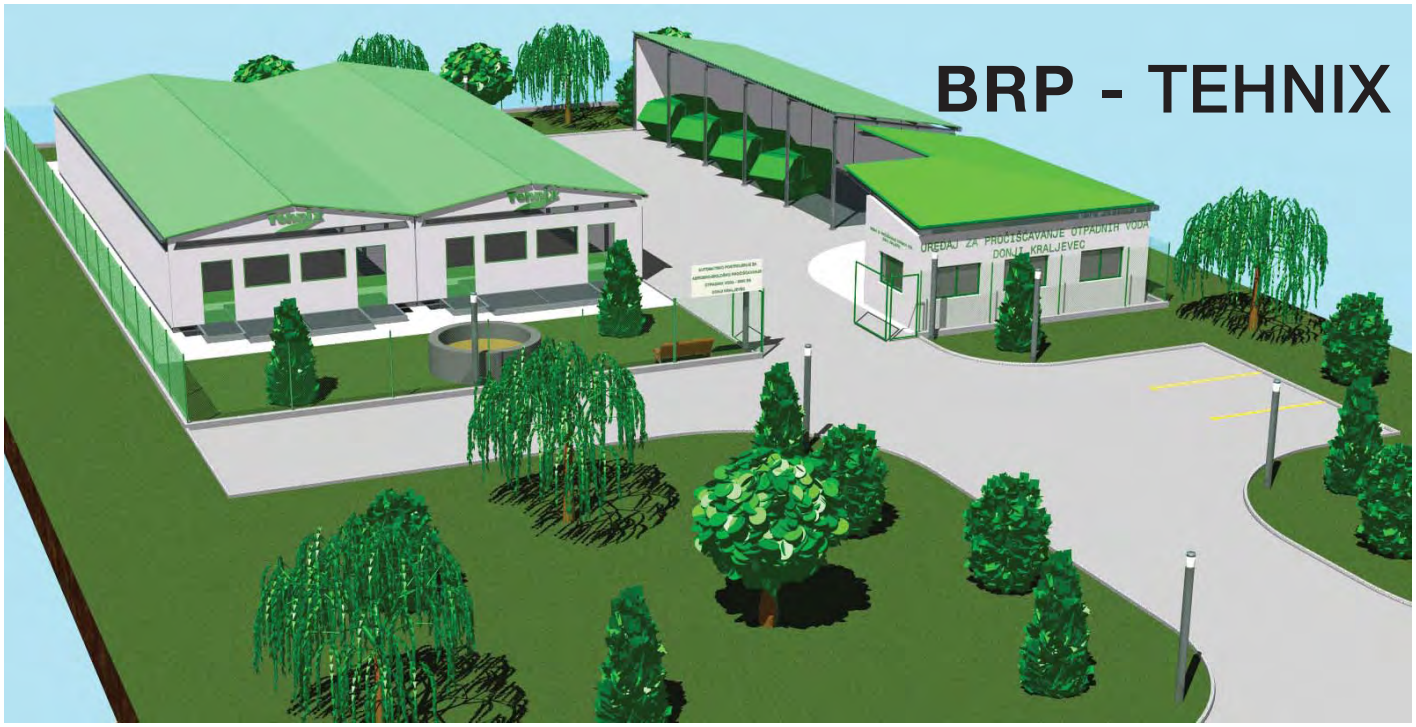
DESCRIPTION OF TECHNOLOGICAL PROCESS

1. RECEPTION WATER CHAMBER WITH PUMPS
2. COARSE REAR GRID FOR RECEPTION AND WASHING OF SOLIDS
3. REAR HYDRAULIC STATION 3 x 4 kW AND BIOMASS PREPARATION
4. GRIT GREASE TRAP CAPACITY 2 + 2 m³
5. POOLS FOR AERATION WITH FILLERS FOR BIOLOGICAL PRE-TREATMENT
6. ROTARY WATER MIXING SYSTEM IN POOLS 2 x 1,1 kW
7. PRIMARY POOLS - DISPENSERS AND WATER RECIRCULATION
8. BIOROTORS (BIOLOGICAL ROTARY WATER TREATMENT)
9. PRIMARY SEDIMENT POOLS (COLLECTORS OF ACTIVATED SLUDGE)
10. SECONDARY SEDIMENT POOLS AND SLUDGE STABILIZATION
11. PREPUMPING SYSTEM FOR RETURN OF ACTIVATED SLUDGE
12. STABILIZATION CHAMBER
13. OUTPUT CHAMBER (OPTION WITH FLOW METER)

Device type	ES (daily)	Daily flow (m^3/day)	Organic load (kg BPK_5/day)	Device dimensions (AxBxH m)	Conne-cting pipes (Ø)	Installed power (kW)
BRT-1000	1000	100	60	25,0 x 20,0	315	10
BRT-1500	1500	150	100	30,0 x 20,0	315	15
BRT-2000	2000	200	120	35,0 x 25,0	315	20
BRT-2500	2500	250	150	35,0 x 25,0	400	25
BRT-3000	3000	300	180	40,0 x 30,0	400	30
BRT-4000	4000	400	240	40,0 x 30,0	600	40
BRT-5000	5000	500	300	45,0 x 30,0	600	50
BRT-10000	10000	1000	600	50,0 x 50,0	800	80

CHARACTERISTICS OF STANDARD BIOREACTOR PLANTS FOR MUNICIPAL WASTE WATER TREATMENT

1. Have the lowest energy consumption per m³ treated water
2. Most cost-effective facility for the acquisition, operation and maintenance, odor free
3. Efficient and optimal treatment in accordance with the Ordinance on Waste Water
4. Plant with biological decomposition because produce only 30% of sewage sludge
5. The plant processes 100% of faeces and needs the smallest space for construction

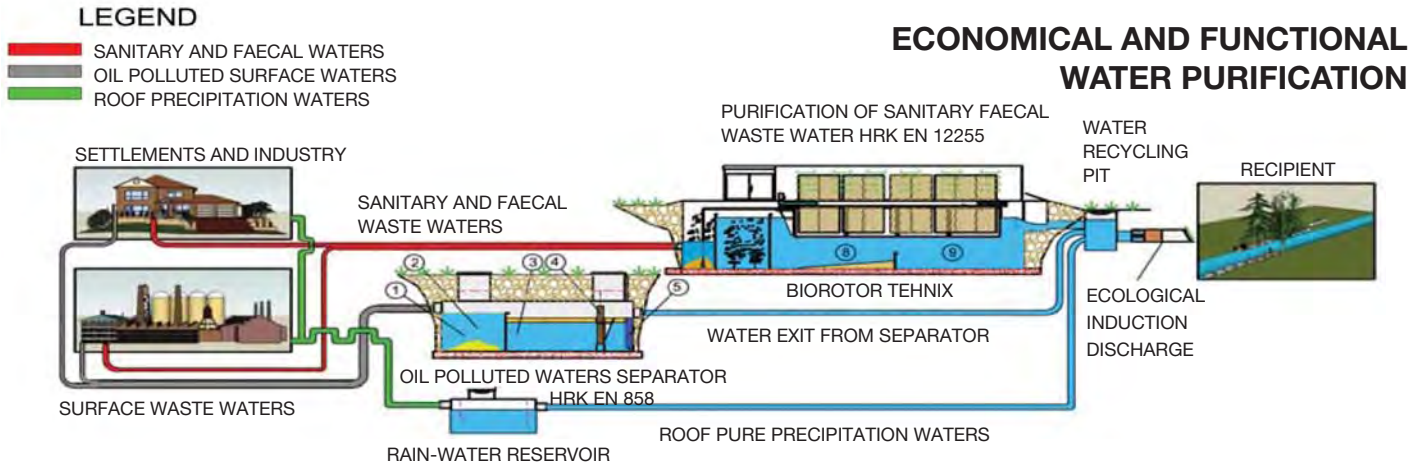


STANDARD PLANTS FOR BIOLOGICAL WATER TREATMENT - TEHNIX

MODERN DRAINAGE DISTRIBUTION SYSTEM

Sanitary faecal, oil polluted surface and roof precipitation waters

WATER PROTECTION



Company Tehnix has manufactured, installed and started in operation the first biological device for water purification powered by solar energy

Future - Tehnix birotor powered by solar energy

Inspection of device at German Insitute ENTSORGUNGS VERBAND SAAR

SPECIAL DEVICES AND EQUIPMENT

SCREW SEPARATOR

SLUDGE SEPARATOR FOR BIOREACTORS AND FARMS

SAFETY
ECONOMY
DURABILITY

MOBILE OIL STATIONS
of 1,000 to 2,000 liters

TÜV AUSTRIA BAUMUSTER GEPRÜFT

MODERN DEVICES DESIGNED FOR YOUR NEEDS
ECONOMY, SAFETY, ENVIRONMENTAL PROTECTION

With a device for oil derivates draining, flow rate meter and automatic nozzle
Application: Industry - for filling of forklifts and trucks; Agriculture - for tractors and working machines; Utility companies, forestry, marinas, islands, motorway construction, various construction sites. The right solution for blue diesel and other purposes.

Mobile oil stations - 1,000 and 2,000 liters

S-type Tehnix suction pressure pump 0.75/380 V

MNP - 2,000 liters

Mobile oil stations - Russia

FUNCTIONAL
DURABLE
ECONOMICAL
STYLISH
SAFE
ECOLOGICAL

MNP - 500 liters

WE PRODUCE MOBILE OIL STATIONS IN STANDARD AND ECO-S VERSIONS

PRODUCT IS PROTECTED BY PATENT No D20000214
It was attested by the Croatian Standards Institute (commission for testing of S-devices), attest No. 01587 of 13.12.2001. All mobile oil stations are provided with complete technical, attesting and testing documentation, user, maintenance and service!
Product warranty is 12 months! Product service life is minimum 20 years.

Standard dimensions of mobile oil stations. Drive: 220 V, 12 V, 24 V, compressed air, S-version 380 V

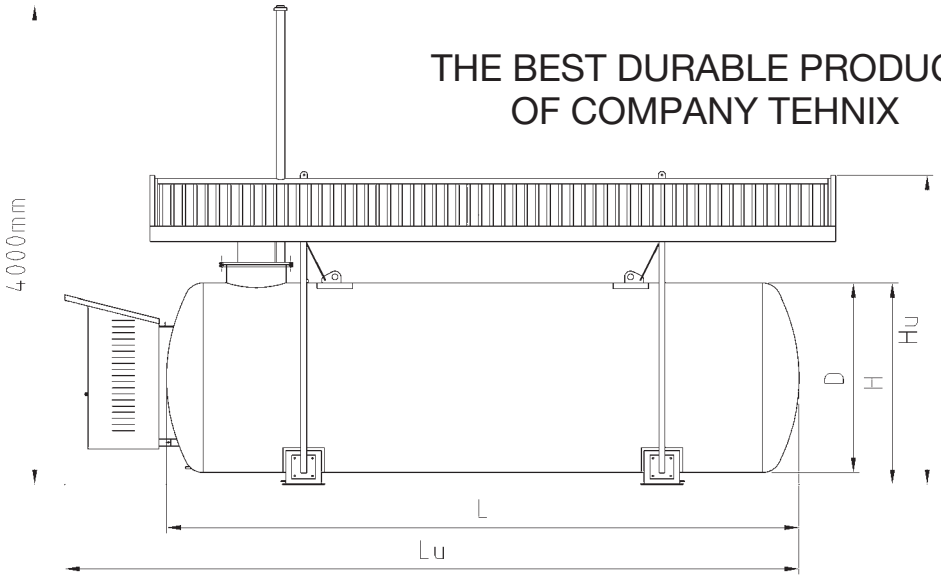
Pump type	Volume	Container dimensions	Weight	Flow
Vertical MNP-1000	1000 l	Ø 1200 x 1100	180	75/100 l/min
Vertical MNP-2000	2000 l	Ø 1500 x 1400	250	75/100 l/min

Attest - MNP 1000 (2985/2006), MNP 1000/2000, 12-24 V (2986/2006), MNP 2000 (2999/2007)

MOBILE OIL STATIONS - BEST CROATIAN PRODUCT IN 2004

MOBILE OIL STATIONS TEHNIX
of 5,000 - 25,000 liters
WITH A CONTAINER - one and two-walled

THE BEST DURABLE PRODUCT
OF COMPANY TEHNIX



MNP - OMV Istrabenz

MNP - OMV Istrabenz

Type	V [m³]	D [mm]	L [mm]	Lu [mm]	B [mm]	H [mm]	Hu [mm]	Ø [mm]
MNP-5000	5	1600	2820	3840	2170	1700	2600	500
MNP-10000	10	1600	5350	6370	2170	1700	2600	500
MNP-16000	16	1600	8570	9590	2170	1700	2600	500
MNP-20000	20	2000	6960	7980	2410	2100	3100	600
MNP-25000	25	2000	8540	9560	2410	2100	3100	600

Basic equipment
- Container, one or two-walled
- Protection cabinet of draining equipment
- Pump, 220 V of 50 or 80 l/min. capacity
- Automatic pumping pistol
- Rubber hose with the length of 5, 7.5 or 10 m
- Flow meter of single and total drained quantity
- Eco emergency container 50 l
- Assembly for collection, aeration and safety of oil collection and discharge

Aeration system is removable and placed directly on site at the height of 4 m!

Additional equipment
- Roof - removable construction protects the container from direct sunlight and rainfall

Entire system can be locked.

S-version Tehnix of suction pressure pump 0.75/380 V

Expert opinion of the State Agency for areas threatened by explosive atmosphere, No. 03371 of 22.07.2003. Approved by the National Safety Institute Zagreb, No. 3000/2007. Expert opinion of the Administration for inspection and administrative affairs of the Internal affairs inspection commission no. 511-01-75-13308-1/4-04 of 6 March 2004. All mobile oil stations are provided with a complete technical, attesting and testing documentation, user, maintenance and service manual. Product warranty is 12 months! Minimum product service life is 20 years. The device must be grounded.

MOBILE OIL STATION - ZLATNA KUNA AWARD FOR INNOVATION IN 2004

MOBILE OIL STATIONS WITH AGGREGATES AND IT EQUIPMENT

MNP with computer equipment with the volume of 25,000 liters

Complete consumption recording by magnetic cards

Software is installed according to customer's request

System description

The system consists of two separate parts.

The first part (right picture) consists of a tank, pump and computer, all situated in the corresponding housings. As such, complete system operates completely independently and satisfies all the needs of automated fuel dispense recording. System also records refilling of tank, serves as central database of all customers, and provides statistical information.

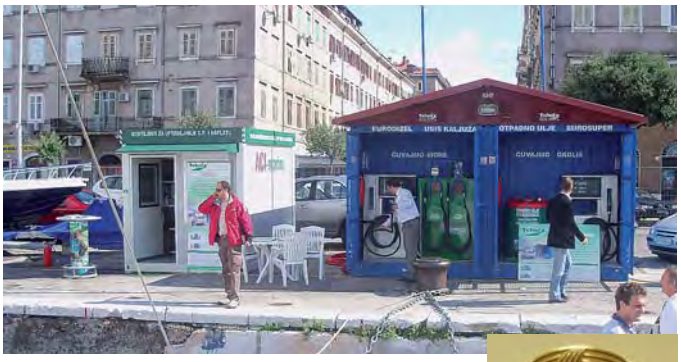
The second part, which is optional, consists of a dislocated computer from which all records of fuel charge and discharge can be monitored, master data can be updated, and statistic reports can be listed. So, this component allows you comfortable work from the office to "live" and current data from the oil pump.

PROJECT FOR PRESENT AND FUTURE

TYPE ECOLOGICAL MOBILE STATION KMP 5,000 l - 2 x 20,000 l

FOR STORAGE AND FILLING OF DIESEL AND PETROL FUEL WITH A SLUDGE WATER CONTAINER FOR BOATS, YACHTS, SAILORS AND AGRICULTURE ON ISLANDS AND COASTAL AREA

Container mobile retail fuel station, petrol-diesel with a container for operation and charging



Container mobile system for supply in marinas and elsewhere

"ZLATNO JEDRO" AWARD, Rijeka 2007

FACILITY'S APPLICATION:

1. Safe collection and fuel filling for customer's needs at the location
2. Takeover, collection and discharging of sludge or waste waters
3. Sales of oil, filters, spare parts and other equipment
4. Collection of waste and waste packaging
5. Issuing of certificates for collected sludge, oil and other waste

TYPES

KMP-5000 petrol or diesel;
KMP-10000 petrol or diesel;
KMP-20000 petrol or diesel;
KMP-5000+5000 petrol and diesel;
KMP-10000+10000 petrol and diesel;
KMP-20000+20000 petrol and diesel;

Facility KMP of 5,000 to 2 x 20,000 lit has the following positive expert opinions and certificates:
1. EXPERT OPINION OF Ex-AGENCY ZAGREB; 2. CERTIFICATE OF SAFETY INSTITUTE ZAGREB; 3. CERTIFICATE OF STATE OFFICE FOR METROLOGY; 4. CERTIFICATE OF MINISTRY OF AGRICULTURE, FORESTRY AND WATER MANAGEMENT;
5. CERTIFICATE OF MINISTRY OF INTERNAL AFFAIRS
All system is completely attested and patented, patent number: D20070117

MEMBRANE MOBILE FUEL STATIONS

MBP-1, MBP-2, MBP-3 and MBP-4

It was attested by the Croatian Standards Institute (commission for testing of S-devices), attest No. 02177 from 12.4.2002, version with pneumatic or electrical aggregate 380V. All fuel and oil stations are provided with complete technical, attesting and testing documentation, and maintenance and service manual!
Product warranty is 12 months! Minimum product service life is 20 years.

Model	Station dimensions AxBxH (mm)	Draining capacity l/min	Possible station placement, volume (l)	Station net weight (kg)	Emergency container volume (l)
MBP - 1	1700 x 1560 x 2550	40	1000 vertical	1200	260
MBP - 2	2000 x 1800 x 2870	40	2000 vertical	1600	300
MBP - 3	3000 x 1560 x 2550	40	1000+2000 vertical	2200	450
MBP - 4	3500 x 1560 x 2550	40	2000+2000 vertical	2500	500

PRESERVE WATER

ECO-CONTAINERS TEHNIX

Collectors - waste oil containers

COLLECT OIL

Users:
- Workshops
- Companies
- Marinas
- Shell
- Mol
- Castrol
- OMV

ECO-containers for waste motor oils are produced in one-walled and two-walled versions

Eco container	250 l
Eco container	500 l
Eco container	1000 l
Eco container	2000 l
Eco container	2500 l
Eco container	5000 l
Eco container	10 000 l

All containers are attested in the Safety Institute - Zagreb!

Equipped with collection and draining accessories

◀ Container for used motor oil with a tank

Eco-container - 500 liters

MOBILE ECOLOGICAL STORAGE

for hazardous waste

Collection of used motor oil in eco container

Hazardous waste storage

STORAGE DIMENSIONS (EXTERNAL)

Storage type	Height [mm]	Width [mm]	Depth [mm]	Container volume [l]
Type 1	2700	4000	1500	1200
Type 2	2700	3050	1300	1000
Type 3	2700	2550	1300	800
Type 4	2700	2050	1300	600

ECO CONTAINERS

for old batteries, filters, cloths and medical waste

Containers for old batteries with the volume of 640 and 1,000 liters

Container for oiled clothes and filters with the volume of 640 and 1,000 liters

Container for medical waste with the volume of 640 and 1,000 liters

Eco container for sand and salt with the volume of 320 liters

Container for fluorescent pipes, 1250 and 1600 mm long

ECO CONTAINERS ARE SUITABLE FOR DISPOSAL, KEEPING AND TRANSPORTATION OF HAZARDOUS THAT NEEDS TO BE STORED IN A LEGALLY REGULATED WAY!

Type	Dimensions	Net weight	Load capacity
640 liters	1130 x 930 x 1000	120 kg	640 kg
1000 liters	1400 x 1150 x 950	150 kg	1000 kg

Standard dimensions of a hazardous waste container

Pallets for transport of open and closed type

Dimensions - 1200 x 800 x 700 mm

Dimensions - 1200 x 800 x 700 mm

Dimensions - 1200 x 800 x 700 mm

Eco containers for internal and external transport

Euro-container type TEHNIX 1000 stainless steel with heaters

Euro-container for liquids of 1,000 l

Container for collection of old clothes and shoes

EMERGENCY CONTAINERS, BARREL STORAGE, SHELF WAREHOUSES

Cisterns on site

All emergency containers are tested and attested. They are made of profiled steel plates and profiles. They are produced according to European standards. Containers of special dimensions are also manufactured at the client's request. Attest no. 43/2004-12.

They are made of profiled steel materials. They are used as standard barrel holders installed above the emergency containers. They can be produced in one- or two-level versions.

Type	Dimensions [mm]	Load capacity [kg]	Weight [kg]
Eco holder 1	950 x 600 x 530	250	75
Eco holder 2	1270 x 600 x 530	500	125
Eco holder 3	1900 x 600 x 530	750	165

Type	Dimensions [mm]	Volume [l]	Load capacity [kg]	Weight [kg]
Eco container 1	800 x 815 x 380	160	600	64
Eco container 2	1000 x 815 x 380	225	1000	85
Eco container 3	1200 x 1200 x 380	280	1200	110
Eco container 4	2500 x 1250 x 380	500	2000	160

Tank with emergency container

Rolo cistern of 5,000 liters

Barrel cart

Practical barrel cart

Barrel pallet

Pallet barrel holders

STORAGES FOR INFLAMMABLE LIQUIDS OF ALL SIZES

Insulated storages with emergency container and grids

Inflammable liquids storage on site

Type	Dimensions [cm]	Allowed storage volume		Emergency container volume
750	200 x 200 x 230	750	1500	400
1000	200 x 250 x 230	1000	2000	500
1250	200 x 300 x 230	1250	2500	600
2000	200 x 400 x 230	1500	3000	800

Interior of the storage with shelves and emergency container
Arrangement, shape and shelf load capacity according to the user's needs!

Storage of various applications - slide doors

Storage dimensions - length 3, 4, 5 or 6 meters
width 2.4 meters
height 2.6 meters

Air-conditioned storage for inflammable liquids

Bottles storage

Bottles storage

Size	Length	Width	Height
1	2000	1000	2300
2	2500	1000	2300
3	3000	1000	2300
4	4000	1000	2300

According to the Act on Inflammable Liquids and Gases

METAL CABINETS FOR STORAGE OF INFLAMMABLE LIQUIDS

Metal cabinets KO-1000

Metal cabinets KO-500

Possible interior arrangement

Cabinet type Tehnix KO	Cabinet width (mm)	Cabinet height (mm)	Cabinet depth (mm)
KO - 500	630	1850	600
KO - 1000	1200	1850	600

COMMUNAL TECHNOLOGY FOR ENVIRONMENT PROTECTION

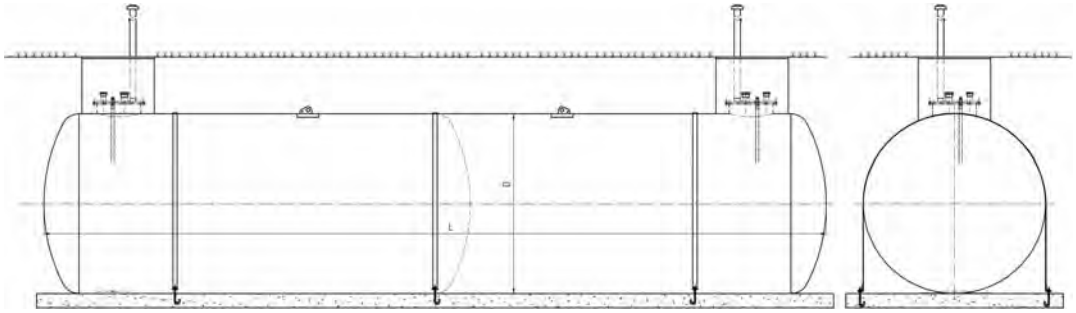
Upgrade of special containers - type TEHNIX

WE DESIGN AND PRODUCE ALL TYPES OF CONTAINERS

CISTERNS FOR VARIOUS APPLICATIONS

One-walled or two-walled cisterns with the volume of 5 m³ to 50 m³

Underground horizontal steel cisterns according to DIN 6608
Above ground horizontal steel cisterns according to DIN 6616
Vertical steel cisterns, one-walled and two-walled according to DIN 6618



Vertical cisterns according to DIN 6618

Wide application cisterns - accessories as requested

One-wall cisterns DIN 6608							Two-wall cisterns DIN 6608				
Type	V [m³]	D [mm]	L [mm]	B [mm]	C [mm]	Weight [kg]	D1 [mm]	L1 [mm]	G [mm]	Weight [kg]	Type
TC - 5/I	5	1600	2820	800	1035	700	1612	2834	365	1275	TC - 5/II
TC - 10/I	10	1600	5350	800	1035	1200	1612	5364	450	2210	TC - 10/II
TC - 16/I	16	1600	8570	800	1035	1800	1612	8584	450	3360	TC - 16/II
TC - 20/I	20	2000	6969	890	1240	2300	2012	6974	500	3930	TC - 20/II
TC - 25/I	25	2000	8540	890	1240	2750	2012	8554	500	4720	TC - 25/II
TC - 30/I	30	2000	10120	890	1240	3300	2012	10134	500	5615	TC - 30/II
TC - 40/I	40	2500	8800	1025	1490	4200	2514	8816	500	7370	TC - 40/II
TC - 50/I	50	2500	10800	1025	1490	5100	2514	10816	500	8930	TC - 50/II

Production of floors from 15 mm thick tin sheets and diameter from 500 to 3000 mm according to norm DIM 28011 (shallow) and DIN 28013 (deep)

Special cisterns manufactured according to DIN norm

CONTAINERS PRODUCTION PROGRAM

The best containers according to TÜV

1. Business containers
2. Residential containers
3. Sanitation containers
4. Special EXCLUSIVE containers
5. Storage containers
6. Various types of containers
7. Flat pack containers
8. Telecommunication containers
9. Container settlements with roof
10. KO-tainers - cooled containers (+4°C)
11. Containers cooling chambers (-10°C)
12. Containers for special purposes and applications
13. Special ecological containers
14. Containers for electrical aggregates
15. Removable unit for LPG supply of vehicles
16. Typical ecological mobile station, petrol + diesel
17. Storage for flammable liquids of all dimensions
18. Tekon - recycling storage, business storage
19. Mobile ecological house MEK - future project
20. Containers for storage and transport of cisterns
21. Complete container equipment according to customers' needs
22. Containers according to customers' needs

WE KNOW HOW TO SOLVE YOUR PROBLEMS QUICKLY

TÜV tested and certified
Standard dimensions of TEHNIX business containers

Container type	External dimensions (mm)			Internal dimensions (mm)		
	Length	Width	Height	Length	Width	Height
TX 10"	2991	2438	2591/2800	2831	2278	2250/2500
TX 20"	6058	2438	2591/2800	5898	2278	2250/2500
TX DWC	1400	2438	2591/2800	1240	2278	2250/2500

WE PRODUCE OTHER TYPES OF CONTAINERS ACCORDING TO CUSTOMERS' NEEDS

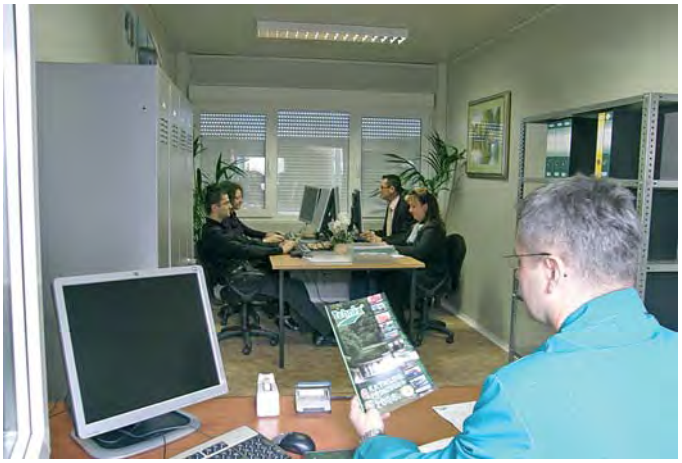
THE BEST CONTAINER ECO SETTLEMENTS

NEW - EXCLUSIVE CONTAINER

THE BEST GALVANIZED DURABLE CONTAINERS

Office container - dimensions (L x W x H) 6058 x 2990 x 2900 mm

Office container TEHNIX - EXCLUSIVE



Office container for 4 working places + 1 place for manager

Commercial and residential module 4x8 m - PREFABRICATED

Module 8 x 4 m as ecological weekendhouse

NEW - MODERN ASSEMBLY KINDERGARTENS

KINDERGARTENS = PROJECT OF THE FUTURE
NEW ON THE MARKET

Company TEHNIX starts with the production of modern assembly container units for kindergartens. We offer 9 types of the container units, depending on surface area from 36 to 216 m².

Type	Dimensions LxWxH [mm]	Area [m²]
KINDERGARTEN TYPE 1	6000 x 6000 x 2591	36 m²
KINDERGARTEN TYPE 2	6000 x 12 000 x 2591	72 m²
KINDERGARTEN TYPE 3	6000 x 18 000 x 2591	108 m²
KINDERGARTEN TYPE 4	9000 x 6000 x 2591	54 m²
KINDERGARTEN TYPE 5	9000 x 12 000 x 2591	108 m²
KINDERGARTEN TYPE 6	9000 x 18 000 x 2591	162 m²
KINDERGARTEN TYPE 7	12 000 x 6000 x 2591	72 m²
KINDERGARTEN TYPE 8	12 000 x 12 000 x 2591	144 m²
KINDERGARTEN TYPE 9	12 000 x 18 000 x 2591	216 m²

Kindergarten installed in Čakovec

CONTAINER SETTLEMENTS

Business and residential buildings, hotels, schools, hospitals, shops

PRODUCTION, DELIVERY, INSTALLATION, DEMOUNTING, SALE, LEASE

Container settlement POLYGONE, Luxemburg

Container settlement HE Lešće

Container settlement STIPIĆ construction

Container settlement NIŠ, Serbia

Assembly container settlement on site

Container settlement STRABAG in Zadar

Interior of a container settlement with complete equipment

VARIOUS TYPES OF CONTAINER SETTLEMENTS

WE BUILD AND INSTALL ACCORDING TO YOUR NEEDS

One storey container settlement with platform

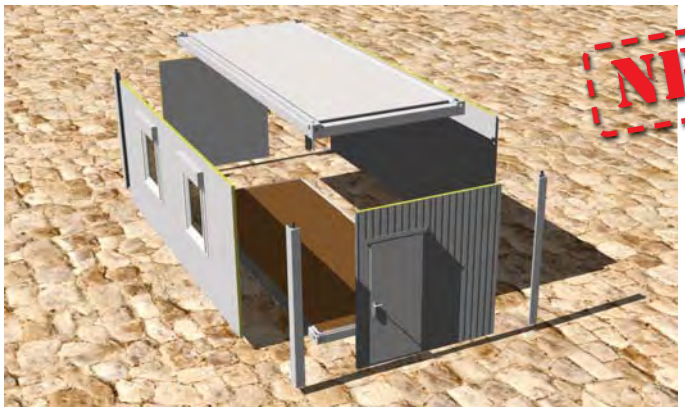
Container assembly - container width 3000 mm

Kontejner assembly - sport facility - Dubrovnik

Container settlement STRABAG Austria in Belgrade

Container settlement Rijeka

Container settlement Velika Gorica



TEH - PACK detachable container for more economical transport

TELECOMMUNICATION CONTAINERS

Containers with insulation, air-conditioning and electric fittings

High quality, galvanized construction, special colors, good insulation, 20 years warranty

REFERENCES

CROATIA
SLOVENIA
BiH
KOSOVO
GERMANY
RAILWAYS
INSTITUTES
AGENCIES
WIND MILL POWERPLANTS

Telecommunication container of various constructions, depending on the operator

Wood plated container

Container adapted to the environment

Container's interior

Telecommunication container "PARK AIR SYSTEM" England

Telecommunication container with a roofing

Containers are equipped with attested electric fittings with special rubber guides for cables, with automatic air-conditioning, grounding equipment...! Complete technical documentation for location permit!

CONTAINERS FOR VARIOUS APPLICATIONS

Containers for vending and collection sites, business offices, residential containers, bathrooms, kitchens, dining rooms, bedrooms and other

NEW - Storage containers from 3 to 12 m in length

Containers for treatment of waste water

Business container “SUNRISE” - Switzerland

Vending container - Supetar, Brač

Collection of PET packaging

Energy container

Various versions and dimensions, excellent insulation, air-conditioning unit, installed electric fittings or equipment, PVC floor or ceramics fitted. Container’s equipment according to the client’s needs.

RESIDENTIAL AND BUSINESS CONTAINERS

High quality, excellent insulation, attractive design, long service life

1. Staircases with platforms
2. Wardrobe cabinets
3. Shelves, racks
4. Various types beds
5. Office furniture
6. Kitchens and sanitary utilities
7. Air conditioning and heating
8. Windows with shutters
9. Roof or overhang
10. Custom equipment

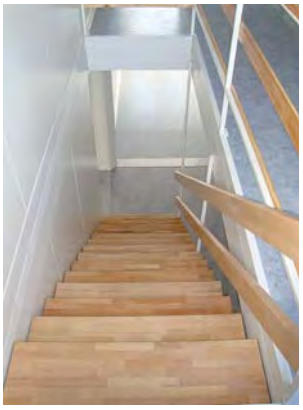
TEHNIX
YOUR PARTNER

Residential and business container Polygone

Steel complete welded storage container

Double sanitary container

Wardrobe container



Internal staricase

Business containers equipping

Kitchens

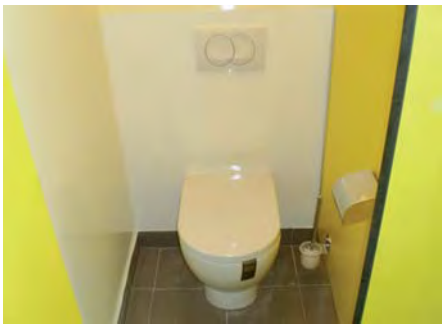
Complete container's equipping - cabinets, shelves, chairs

FUNCTIONAL INTERIOR OF THE RESIDENTIAL CONTAINER

RESIDENTIAL AND BUSINESS CONTAINERS

CONTAINERS AND CONTAINERS SETTLEMENT EQUIPPING

SANITARY EQUIPMENT



Luxury equipped containers with sanitary equipment

Design of water supply with Wavin pipes system

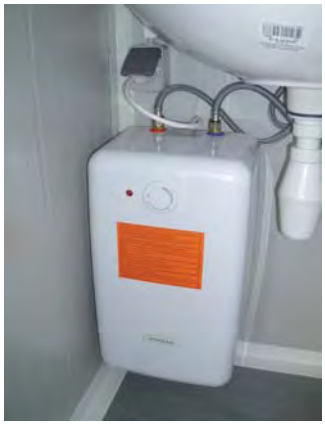
Sanitary container with 14 sanitary units

Hot water tank

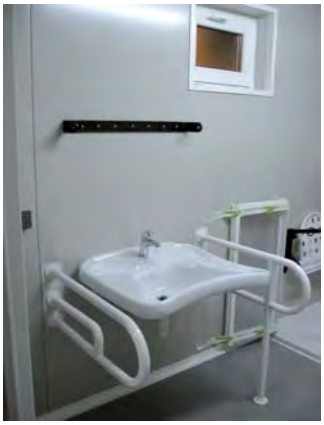
Wash basins in a container

Showers in a container

Urinal in a container



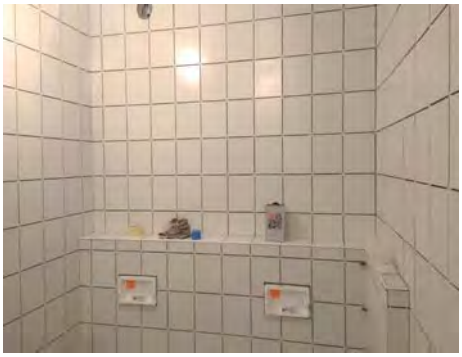
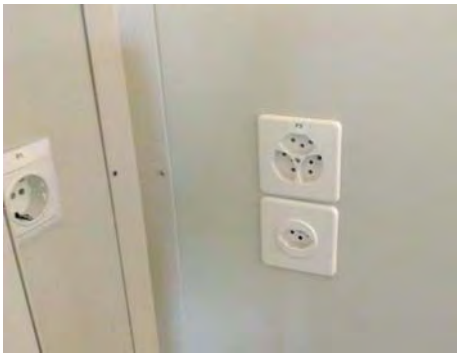
Low-pressure boiler

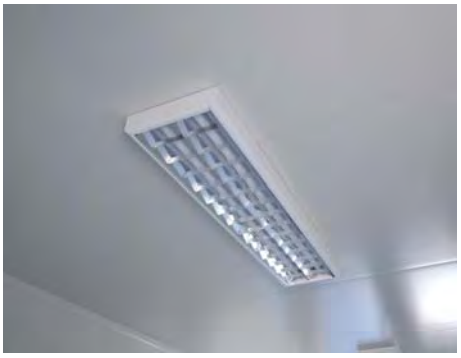


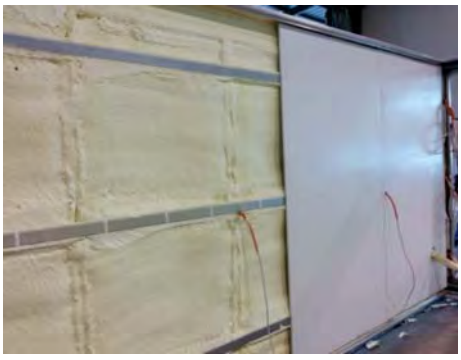
Sanitary equipment adjusted to the persons with disabilities

Reservoir for the temporary admission of faeces from sanitary container

CONTAINER EQUIPMENT UPON REQUEST





SPECIAL MODULAR BUILDINGS

Fireproof solution

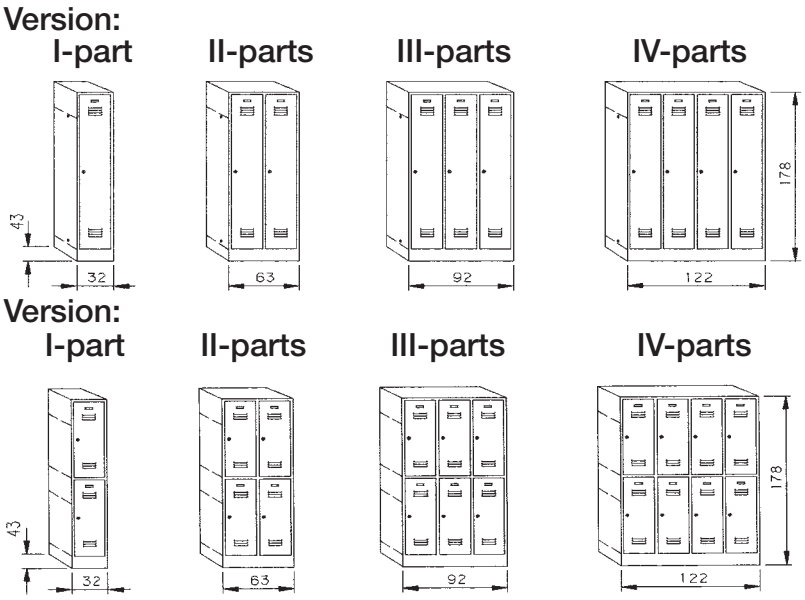
PERSONAL PROTECTION

Wardrobe and special closets

Standard version of a closet

Compartments within a closet

Wardrobe closets Tehnix



Wardrobe closets for food industry

METAL ASSEMBLY CONSTRUCTIONS

Metal construction assembly

Modern construction solutions

TEHNIX SOLUTIONS - THE BEST FOR YOUR NEEDS

PRODUCTION OF HIGH-PRESSURE VESSELS AND SPECIAL EQUIPMENT FOR ENERGY FACILITIES

Preparation and welding of special casings

Casings processing

Production hall - machine processing

Flanges production by bending on special machine

Final control of finished casings after painting

Sandblasting - painting of special casings

SPECIAL MACHINES AND PRODUCTS

Hydraulics, automatics, regulation assemblies

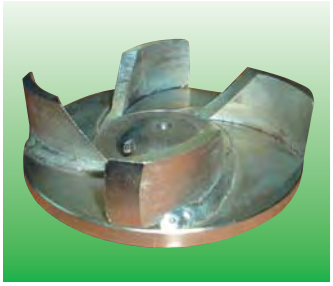
Production of complete hydraulic systems

Production of hydraulic cylinders of various types

Production of TEHNIX reduction units

Submergible sludge pumps TEHNIX
0.75 - 4 kW/380V

Suction pressure pump TEHNIX



Impeter of submergible sludge pump Tehnix

TECHNOLOGY LINES IN TEHNIX
PRODUCTION PROCESS

CNC Bohrwerk in operation

Technological line Tehnix for the production of floor steel plates 15 mm thick with a diameter of 500 to 3,000 mm

Processing by high-tech CNC machines

Modern steel plate punch “DURMA”

COMPANY TEHNIX IS THE LEADER IN ECO INDUSTRY

WE ARE RELIABLE AND GOOD PARTNER

PRODUCTION FACILITIES OF TEHNIX COMPANY

QUALITY IS RECOGNIZED BY EUROPE AND THE WORLD

Container positions cutting

Container positions bending

Production facility - machine processing

Containers production facility

TEHNIX PRODUCTS ARE CERTIFIED BY TÜV STANDARD
TEHNIX PRODUCTS ARE RECYCLED AFTER USE

TEHNIX d.o.o.

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